Inspiring the next generation of women in STEM

We’re passionate about inclusion and development. We’re also passionate about bringing the next generation of young females in to STEM. Join us and we’ll give you all the support you need to kickstart the career of a lifetime.

Be part of our story.

#ExperienceCGI
Every team member is a stakeholder

When you join our team you become a member of the company, not just an employee. That’s not all that sets us apart, we work on projects that transform lives, every day. So if you’ve ever considered a career in STEM (Science, Technology, Engineering and Mathematics), consider this: our supportive team, meaningful work and empowering environment can make it happen and take you on the journey of a lifetime.
Our mission

We are an established and growing company that offers the opportunity to work on some of the most exciting technology projects – so this is the place to build your future. We’re passionate about diversity, inclusion and development, so we’re particularly keen to help ambitious and capable women launch fast-moving STEM careers.

Recent research found 78% of students couldn’t name a famous female working in tech¹. In previous years, similar research found around 60% of young women said they could only identify Marie Curie as an inspiring female role model in STEM². However, there have been countless women whose discoveries have shaped the technology we know today.

In this brochure we will share the stories of just some of these female pioneers. We hope their careers and achievements will help you bring your own dreams to life. We believe your ideas have the power to transform – so get inspired and see how we can help you and the next generation of women in STEM to revolutionise the industry.

¹ https://www.pwc.co.uk/women-in-technology/women-in-tech-report.pdf
How many women work in STEM?

Throughout history women have been under-represented in STEM. Since the mid-twentieth century more women have taken up STEM careers, but as the charts below make clear, the figures are still too low. We think this isn’t good enough. We want you to join us in transforming STEM and the wider world.


Bringing the next generation of women in to STEM

The good news is that the number of women applying for STEM courses and careers is increasing rapidly. You’ll be following in some impressive footsteps. Throughout history women have made leaps and bounds within STEM. Here are just a few of the women whose contributions shaped the world we know today.

**Maria Sibylla Merian, 1647-1717**
Naturalist and Scientific Illustrator
One of the first naturalists to observe insects closely and record them via illustration. She published two books containing over 50 images each documenting metamorphism in 186 insects, including the discovery of many new facts.

**Émilie du Châtelet, 1706-1749**
Natural Philosopher, Mathematician, Physicist and Author
After studying astronomy, she translated and commented upon Isaac Newton’s *Principia*. Published after her death in 1769, this remains the standard French translation. A main-belt planet and crater on Venus have been named in her honour.

**Hypatia, C360-415**
Mathematician, Astronomer, Philosopher, Advisor and Teacher
A pioneering philosophy and astronomy teacher in Egypt, who guided students from all over the planet. She also constructed astrolabes and hydrometers – tools that are still used today.
Maria Gaetana Agnesi, 1718-1799
Philosopher and Mathematician
The first woman to write a mathematics handbook, *Analytical Institutions for the Use of Italian Youth*, and the first woman appointed as a maths professor by a university. In 1996, crater 16765 and the Agnesi crater on Venus were named after her.

Marie-Sophie Germain, 1776-1831
Mathematician, Physicist and Philosopher
Recognised as a pioneer of number theory and elasticity theory, she became the first woman to win the grand prize from the Paris Academy of Sciences.

Ada Lovelace, 1815-1852
Mathematician and Computer Programmer
Daughter of Lord Byron, Lovelace created the first algorithm for Charles Babbage’s Analytical Engine – effectively the world’s first computer. As such, she is recognised as the mother of programming.

Mary Mitchell, 1818-1889
Astronomer
At the age of 12, she helped her father calculate the timings of a solar eclipse, and went on to a future calculating sunspots. In 1847, she discovered what is now known as Miss Mitchell’s Comet and became the first woman to be elected in to the American Academy of Arts and Sciences and the American Association for the Advancement of Science.

Mary Edwards Walker, 1832-1919
Surgeon
Fascinated by her father’s medical textbooks, Walker worked as a teacher to pay for medical college. She volunteered as a surgeon during the American Civil War and became the only woman to receive the Medal of Honour.

Ellen Swallow Richards, 1842-1911
Industrial and Safety Engineer
The first woman to gain a chemistry degree in the USA, she became Instructor in Sanitary Chemistry at MIT Lab, where she was a pioneer in sanitary engineering and domestic science. She is recognised as the founder of home economics and the first person to recognise the link between chemistry and nutrition.

Sophie Kovalevskaya, 1850-1891
Mathematician
Since women could not attend university in Russia, Kovalevskaya learned mathematics and physics in Germany. She contributed significantly to research in partial differential equations and mechanics, and was the first woman to gain a doctorate in mathematics.

Hertha Ayrton, 1854-1923
Engineer
After studying mathematics at university, she became a teacher to fund her research, much of which was published in *Mathematical Questions and Their Solutions*. In 1902, she published *The Electric Arc*, for which she was awarded the Hughes Medal by the Royal Society.

Mileva Marić, 1875-1948
Mathematician
She was in the same class as Albert Einstein at Zurich Polytechnic, and went on to marry him, but they divorced in 1919. She is believed to have assisted extensively with his research, but the full extent of her contributions has never come to light.

Marie Curie, 1867-1934
Physicist
The most recognised female scientist, she was the first woman to win a Nobel Prize, the only person to win twice, and the only person to win in two categories. Her research on X-rays and radioactivity shaped the entire discipline today, but also led to her death due to radiation exposure.

Lillian Gilbreth, 1878-1972
Industrial Engineer and Psychologist
Working as an engineer and gaining a PhD in psychology, she applied her unique combination of expertise to pioneer industrial and organisational psychology. Her studies focused on time, motion and fatigue, domestic management and home economics. Her activities (and thirteen children) inspired the film *Cheaper by the Dozen*. 
<table>
<thead>
<tr>
<th>Name</th>
<th>Birth-Death</th>
<th>Occupation</th>
<th>Achievements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jeanne Villepreux-Power</td>
<td>1794-1871</td>
<td>Marine Biologist</td>
<td>Developed a passion for natural history and marine observation.</td>
</tr>
<tr>
<td>Mary Anning</td>
<td>1799-1847</td>
<td>Palaeontologist</td>
<td>Grew up selling fossils along with her family. Discovered ichthyosaurus.</td>
</tr>
<tr>
<td>Florence Nightingale</td>
<td>1820-1910</td>
<td>Nurse</td>
<td>Considered the founder of modern nursing through the Crimean War.</td>
</tr>
<tr>
<td>Elizabeth Blackwell</td>
<td>1821-1910</td>
<td>Physician</td>
<td>Inspired to study medicine after caring for a family friend.</td>
</tr>
<tr>
<td>Mary Putnam Jacobi</td>
<td>1842-1906</td>
<td>Physician</td>
<td>First woman to graduate from an American school of pharmacy.</td>
</tr>
<tr>
<td>Emily Roebling</td>
<td>1843-1903</td>
<td>Engineer</td>
<td>Married to civil engineer Washington Roebling. Played a central part in the construction of the Brooklyn Bridge.</td>
</tr>
<tr>
<td>Nettie Stevens</td>
<td>1861-1912</td>
<td>Geneticist</td>
<td>After completing her four-year university course.</td>
</tr>
<tr>
<td>Alice Hamilton</td>
<td>1869-1970</td>
<td>Physician</td>
<td>Graduating in medicine, became a successful bacteriologist at the Memorial Institute for Infectious Diseases.</td>
</tr>
<tr>
<td>Lise Meitner</td>
<td>1878-1968</td>
<td>Physicist</td>
<td>Studied in Berlin under Max Planck.</td>
</tr>
<tr>
<td>Mary Agnes Chase</td>
<td>1869-1963</td>
<td>Botanist</td>
<td>Specialized in grass studies and became a botanical assistant at the Field Museum of Natural History.</td>
</tr>
<tr>
<td>Alice Evans</td>
<td>1881-1975</td>
<td>Microbiologist</td>
<td>After becoming bored with her career as a teacher, gained a degree in bacteriology.</td>
</tr>
</tbody>
</table>
The future of STEM is female

We believe that women are the future of STEM, because only by harnessing talent across genders, cultures and continents can we solve the problems facing our planet. Whether you’re a school leaver or university graduate, we can help you make your mark in STEM. When you join us, your ideas will have the power to transform. We’re one of the world's largest IT and business process services providers, revolutionising the way companies deliver their products and communicate with their customers.

School Leavers
You can be part of everything we do, developing the skills and understanding you’ll need for a career in IT through training and hands-on experience.

Graduates
You can make an impact on the world as part of a growing company with the scale and strength to give your career the best possible start.

Our Dream
To create an environment in which we enjoy working together and, as shareholders, build a company everyone can be proud of.

Our Vision
To be a world-class IT and business process services leader that helps our clients get ahead.

Emmy Noether, 1882-1935
Mathematician
After qualifying as a language teacher, Noether decided to focus her future on mathematics. Whilst teaching at Göttingen University, she proved her theory (Noether's theorem) showing that conservation law is associated with the symmetry of a physical system.

Alice Ball, 1892-1916
Chemist
Graduating in both chemistry and pharmaceuticals, she was offered numerous scholarships but chose the University of Hawaii for her master’s. Developing an injectable form of chaulmoogra oil to treat leprosy, she was the first woman and black American to leave the University with a master's degree.
Why working at CGI is different

Our membership culture, where we support every team member to become a shareholder, makes us different from other employers. When you have a stake in the business its growth mirrors yours. So we’ll help you take your career to the next level by:

• Investing in your training and development
• Helping you gain formal qualifications
• Giving you work you find enjoyable and stimulating
• Supporting you through the good and bad times in your life

As part of the world’s fifth-largest independent IT consultancy, our people benefit from exceptional prospects and job security. We’re here for the long term.

We’ll always recognise your contribution

We are a certified Top Employer by the Top Employers Institute, which recognises our commitment to rewarding and developing talent. We have also been recognised by the CIPD (Chartered Institute of Personnel and Development), having been awarded Best Health and Wellbeing Initiative for our Oxygen programme and TARGETjobs, which gave us the Best School Leaver Programme award.

Award winning women

Our members have won their fair share of awards, too. Tiffany won the Apprentice Award at the Everywoman 2019 Awards. Meanwhile, Ellie won Apprentice of the Year, and said:

“STEM careers are a possibility for everyone, regardless of gender, age or background. CGI gave me the opportunity to pursue a STEM career and study IT at university, despite having no previous experience, having studied Literature, Law and History at college. With support, I’ve been able to explore areas of the tech industry I never could have imagined, and I can’t wait to learn more.”

Our President – Tara McGeehan
United Kingdom and Australia Operations

Tara was appointed President of CGI’s UK Operations in January 2018, and added Australia operations to her responsibilities in May 2019, where she leads a team of approximately 6,000 professionals and consultants who bring all of CGI's end-to-end capabilities and industry and technology expertise to clients across these regions.

Gerty Radnitz Cori, 1896-1957
Bio-chemist
Alongside her husband Carl, she discovered that glycogen broke down into lactic acid within muscle tissue, creating a stored energy source. The Cori Cycle, proposed in 1929, won the couple the 1947 Nobel Prize, making her the first American woman to win a Nobel Prize in science.

Irène Joliot-Curie, 1897-1956
Scientist
Marie Curie’s daughter excelled in maths and science, and assisted her mother in conducting X-ray examinations. She later built on her parents’ discoveries by creating artificial radioactivity alongside her husband. They were awarded the Nobel Prize in Chemistry, making the Curie family the most awarded ever.
Janaki Ammal, 1897-1984
Botanist
Born in Madras, she was the first woman to gain a PhD in botany in the USA. Throughout her career, she conducted research in cytotgenetics and phytogeography, collecting numerous plants of medicinal and economic value.

Cecilia Payne-Gaposchkin, 1900-1979
Astrophysicist
In 1925, she became the first person to earn a PhD in astronomy with her thesis Stellar Atmospheres: A Contribution to the Observational Study of High Temperature in the Reversing Layers of Stars. By the end of her career, she had made more than a million observations.

Barbra McClintock, 1902-1992
Cytogeneticist
Whilst studying for her PhD in botany at Cornell University, she began her life’s research on maize cytotgenetics. She was the first person to visualise the X shape of chromosomes that occur during meiosis, and her work can still be found in textbooks today.

Hilde Mangold, 1898-1924
Embryologist
Inspired by the famous embryologist Hans Spermann, she gained a PhD in zoology for her thesis Induction of Embryonic Primordia by Implantation of Organizers from a Different Species. She tragically died shortly afterwards, but her research was central to Spermann winning the 1935 Nobel Prize in Physiology or Medicine.

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Hedy Lamarr, 1914-2000
Hollywood Actress and Inventor
Better known as an actress, Lamarr was also passionate about science. During World War 2, she and her team created a radio guidance system for torpedoes using frequency hopping technology. This proved difficult to implement and was not introduced until the 1960s, but its principles underpin today’s Bluetooth technology.

Chien-Shiung Wu, 1912-1997
Physicist
After gaining a scholarship with Caltech, she investigated radioactive tracers as a cancer treatment. During the Second World War, she worked on the Manhattan Project, developing the process for separating uranium metal, and later developed the Standard Model of particle physics, earning her the Wolf Prize in Physics.

Ruth Patrick, 1907-2013
Botanist and Limnologist
Patrick researched fossilised diatoms and made numerous discoveries that defined the evolution of American lakes, as well as inventing tools to take water samples. She was a passionate advocate for cleaning waters and reducing pollution.

Grace Hopper, 1906-1992
Computer Scientist and United States Navy Rear Admiral
After gaining a PhD in mathematics and physics, she enlisted for military service in World War 2, serving in the computer programming team. After this work, she developed the UNIVAC 1 – the first electronic computer on the market. She also wrote a language for data processors in English, creating COBOL, MATH-MATIC and FLOW-MATIC.

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Rosalyn Sussman Yalow, 1921-2011
Physicist
After gaining a PhD and working as a teacher, she became a full-time researcher, focusing on radioactive substances for medical use. She developed radioimmunoassay (RIA), a tracer that measures biological substances in blood, and became the first American woman to win the Nobel Prize in Physiology or Medicine.

Katherine G. Johnson, BORN 1918
Physicist, Mathematician at NASA
As a research mathematician for NACA (the predecessor of NASA), she calculated the trajectory for Alan Shepard, the first American in space. She also calculated the launch window for the 1961 Mercury mission and manually verified the computer’s calculations.

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Mary Jackson, 1921-2005
Aerospace Engineer and Mathematician at NASA
Working under Dorothy Vaughan as a mathematician and computer scientist at NASA, she went on to become the organisation’s first black female engineer. Her research focused on flight thrust, airflow and drag forces using a supersonic tunnel.
Elsie Widdowson, 1906-2000
Dietician
Specialising in nutritional deficiencies in newborns, she played a central role in the government’s plan to distribute vitamins to supplement food rations during World War 2. After the war, she helped to rehabilitate concentration camp victims before delivering revised calcium standards for breast milk substitutes.

Helen Taussig, 1898-1986
Cardiologist
Taussig became part of the paediatric team working on cardiology cases in newborns and children. She discovered that anoxaemia was caused by blockages in the arteries and worked with Alfred Blalock and Vivien Thomas to develop pioneering surgery, now known as the Blalock-Taussig-Thomas shunt.

Mary Cartwright, 1900-1998
Mathematician
The first woman to be awarded a first at the University of Cambridge, Cartwright became one of the first mathematicians to study Chaos Theory. She is best remembered today as the proponent of the Butterfly Effect.

Maria Göeppert Mayer, 1906-1972
Physicist
Taught mathematics by Emmy Noether, she gained a PhD in physics and moved to America. Her development of a mathematical model for the nuclear shell structure led to her being jointly awarded the Nobel Prize in 1963 – the second woman to achieve this.

Rachel Carson, 1907-1964
Marine Biologist
After studying zoology and genetics at Johns Hopkins University, she worked for the US Bureau of Fisheries and wrote a number of papers on conservation, which eventually led to a reversal of national pesticide policy and a nationwide ban on DDT.

Virginia Apgar, 1909-1974
Anaesthesiologist
As an anaesthesiologist, she was the first female specialty head at Columbia-Presbyterian Medical Center before becoming a professor specialising in reducing infant mortality. The Apgar score is still used today to assess newborns’ health, and has helped to save millions of lives.

Mary Leakey, 1913-1996
Paleoanthropologist
Discovering a love of archaeology in childhood, Leakey went on numerous digs, discovering the largest elephant tooth in Britain (1934), the first fossilised skull of extinct ape Proconsul (1959) and a Zinianthropus skull (1959). In total, she discovered 15 new species.

Jane Wright, 1919-2013
Cancer Researcher and Surgeon
As director of the Harlem Hospital Cancer Research Center, she wanted to make chemotherapy accessible to everyone. She was the first scientist to use folic acid antagonists to prevent the creation of cancer cells, leading to millions of lives being saved.

Margherita Hack, 1922-2013
Astrophysicist
As Professor of Astronomy at the University of Trieste, she published astronomy papers in international journals and several books for both academic and general audiences. In 1978, she founded L’Astronomia magazine and directed the publication Le Stelle, both of which still have large followings.
Your questions answered

Do I have what it takes to build a career in STEM?
Of course you do! Provided you can think clearly and analytically, we will give you all the training you need to release your potential.

So how do I apply?
Whether you’re a school leaver or university graduate, you can apply online. It’s really easy – just upload your CV and answer a few questions to test your capabilities and we’ll be in touch.

What happens after I apply?
If your application is successful you’ll be invited to an Assessment Centre. You’ll get to meet lots of other applicants and probably make some new friends. You’ll also get to participate in a group exercise, a written test and an interview to see whether you have the skills and personality we’re looking for.

Wow, I received an offer! What now?
Once you’ve accepted your offer we’ll invite you to an Induction Day. This is your chance to meet your new colleagues, understand what we’re all about and ask important questions before your first day.

What will my first day be like?
Busy and fun! We’ll introduce you to your buddy who will support you in settling in and you’ll get your equipment – then your comprehensive training will begin!

What will happen over my first three months?
You’ll spend most of this time finding your feet. That doesn’t mean you’ll just be completing your training – far from it. By this stage you’ll have created your personal development plan and will be ready for a progress review at which we’ll give you feedback and answer any of your questions.

What happens over the next three months?
By now you will have learned lots about the company and our clients. At the end of six months you’ll have another review to discuss your personal development plan and your progress towards achieving your goals.

How good will my training be?
How good does it get? Our 24/7 training website means you can learn whenever you want and we’ll make sure we rotate you across the company so you can gain knowledge of everything we do. Our flat structure means you’ll work alongside business leaders from day one and participating in live projects will make everything really exciting.

What is the benefits package like?
In a word – amazing! You can expect a pension plan, share purchase plan, member discount scheme, insurance packages, childcare vouchers, flexible holidays and great social facilities including a sports club. We’ll make sure you stay happy and healthy via medical and dental cover, with trained mental health first aiders on hand too.

But do I really have what it takes to build a career in STEM?
There’s only one way to find out – apply to us and we’ll take things from there. It could be the journey of a lifetime when you get to #ExperienceCGI.

Stephanie Kwolek, 1923-2014
Polymer Chemist and Inventor
After studying chemistry at university, she worked at DuPont and went on to invent Kevlar, which has been used in tyres, ropes, bulletproof vests, sports equipment and bombproof materials. In the week she died, the millionth bulletproof vest was sold.

Yvonne Brill, 1924-2013
Rocket and Jet Propulsion Engineer
After topping her university class in chemistry and mathematics, Brill worked on satellite propulsion systems and developed the hydrazine retrojet. She later helped to develop the TIROS system (the first weather satellite), Nova (a rocket design), Explorer 32 (the first upper-atmosphere satellite) and the Mars Observer.
What our current members say

“"I thought at the age of 18 everyone would disregard me, but that wasn’t the case at all! I was accepted as part of the team very quickly and everyone was so kind and helpful to get me settled in. I’m really excited in my role now – I know there’s nothing that can stop me! I can actually picture my career progression and being able to plan this is thrilling.”

– Tara

“I found it easy to integrate into the CGI team. The members here are really welcoming and everyone is treated the same. We need brilliant scientists, engineers, mathematicians and technologists to address the problems our planet faces and create a better future – and to do so we must unlock the potential in all our children.”

– Hannah

To any girls about to apply, my advice would be – don’t be nervous. Just try your best, network and don’t be scared to ask questions!”

– Nabilah

The online application was easy. The questions asked at this point were good, because it wasn’t just uploading a CV – there was a chance to explain yourself and stand out.”

– Caroline

I was nervous applying to CGI, but I found the application process very straightforward. It was clear what I should expect at each stage of the process. The feedback I received after the assessment centre was the most in-depth I had received from any company and was extremely helpful.”

– Millie

Anne McLaren, 1927-2007
Developmental Biologist

In 1958, she published a groundbreaking paper with John D. Viggers on the development and birth of mice in vitro. Her subsequent career was in fertility, and she helped to develop IVF treatment, leading to the first ‘test tube baby’ in 1978.

Vera Rubin, 1928-2016
Astronomer

At Cornell, she studied the motions of galaxies and observed the Hubble flow. After graduation, she observed the rotation of galaxies and helped to prove the existence of dark matter.
Our networks will give you all the support you need

Diversity is central to everything we do. We believe that only by bringing together the finest minds and people with the most varied perspectives, can we create lasting solutions to the technology challenges facing our world today.

That’s why we have specialist networks to support all our members – whoever they may be. They’re here to make you feel at home from your first day and to encourage you to tell us what kind of company you’d like us to be.
Research shows gender equality has a positive impact in workplaces, improving productivity, performance and work satisfaction. We aim to educate our members to make the commitment for gender equality at www.HeForShe.org.

The Parental Support Community (PSC) is a community for members who are pregnant, on maternity/shared parental/adoption leave, or have returned to work following parental leave. The PSC aims to provide members with an information and support source and help everyone returning to re-integrate and build their confidence.

Over 55’s Community

An information and support platform for our members over 55. Ensuring they have all the information they need to continue their successful and satisfying careers.

Our Women’s Network offers a platform for members to recognise and celebrate each others achievements, giving them the chance to empower and support each other at work and beyond.

The Women’s Network

#HeForShe Campaign

Our Diversity and Inclusion Committee Networks

Part-Time Community

An information and support platform for our part-time members. The Part-Time Community ensures they have all the information they need to maintain a productive and successful work/life balance.

The Capability Network aims to create positive and open communication surrounding disabilities. We aim to connect members of all capabilities and create a space to share ideas, experiences and advice.

Capability Network

The LGBT+ network is open to all members and subcontractors who identify as LGBT+ and allies. We support and represent members from all minority sexual orientations and gender identities and also partner with Stonewall.

LGBT+ Network and Allies

BAME Network (Black, Asian and Minority Ethnicities)

A platform for members to empower and support those of minority ethnicities within our offices.

Our Diversity and Inclusion Committee Networks

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Over 55’s Community

The Women’s Network offers a platform for members to recognise and celebrate each others achievements, giving them the chance to empower and support each other at work and beyond.

The Women’s Network

The #HeForShe Campaign is a platform for our members to make the commitment for gender equality at www.HeForShe.org.

The Parental Support Community (PSC) is a community for members who are pregnant, on maternity/shared parental/adoption leave, or have returned to work following parental leave. The PSC aims to provide members with an information and support source and help everyone returning to re-integrate and build their confidence.

The Capability Network aims to create positive and open communication surrounding disabilities. We aim to connect members of all capabilities and create a space to share ideas, experiences and advice.

The Capability Network
We are just embarking on our STEM Camps for girls programme. These camps are currently popular and successful in our American and Canadian offices. The camp will look to teach girls more about STEM and present opportunities that come with this field, hoping to inspire them and show that STEM is a choice for them.

International Women’s Day offers an opportunity for us to reflect on how we encourage and support our women. Every year we celebrate and recognise our female members by hosting events in all of our offices.

Communications and Newsletters

We have weekly news roundups that are sent to every UK member, featuring a Diversity and Inclusion section highlighting key news and upcoming events for our networks.

STEM Camp

Our Diversity and Inclusion Committee Schemes

We continually promote new training opportunities for all of our members to complete based on new Diversity and Inclusion topics and updated areas for awareness.

Learning and Development

Our current Dream Connector project: Sprint Towards a 50/50 Gender Balance, aims to reduce gender gaps by developing a tailored work experience programme for women interested in pursuing an IT career after a career break.

Gender Gap Project

Bring your Daughter to Work Day

International Women’s Day Events

Our UK offices are partnered with local schools, helping to promote STEM in the classroom and inspiring the next generation.

Local School Events and Partnerships

CynerGI Intranet

Our intranet site is called CynerGI. Here members can create blogs and read internal news articles. The Diversity and Inclusion Community have an active blog to engage members and promote open communication between us all.

Communications and Newsletters

Our UK offices are partnered with local schools, helping to promote STEM in the classroom and inspiring the next generation.

Local School Events and Partnerships

We host an annual ‘Bring your Daughter to Work Day’. On this day, members can bring their daughters or young female family members to the office. The girls learn about STEM and take part in fun activities, hopefully inspiring them and promoting STEM as a career choice.

Bring your Daughter to Work Day

Learning and Development

We continually promote new training opportunities for all of our members to complete based on new Diversity and Inclusion topics and updated areas for awareness.

Communications and Newsletters

We have weekly news roundups that are sent to every UK member, featuring a Diversity and Inclusion section highlighting key news and upcoming events for our networks.
What our current members say

The application process was fairly straightforward and easy to go through. If I was to go back to when I started and give myself advice for my first day, it would be don’t be nervous. You are entitled to people’s help and time as a student. Don’t hesitate to ask for help.”

– Raidah

If I was to give any female student advice before applying to CGI, it would be to put yourself first. Just relax and take any opportunity you can. You don’t need to prove anything, just trust yourself.”

– Becky

After my successful application, I was invited to the Assessment Centre day, which I found really interesting. It provided an insight into life at CGI and a full-time job. It helped me understand how the company worked and how I would fit into CGI.”

– Emma

Once I started here, everyone was accommodating and welcoming. When I started my project, everyone helped me get up to speed and they were always willing to help me. Because of this, I settled in really quickly. I also attended a few socials, which was a nice way to meet people. One was an SSC event and the other was a Christmas event.”

– Shannon
A day in my life

Hi, I’m Abbie and this is my CGI story. After studying English Literature at University, I joined CGI’s Space, Defence and Intelligence team last October. That was quite a leap, as I was originally considering a career in publishing. I’d heard of CGI, so after researching the company I contacted the careers team about graduate positions. They were really helpful, and the whole process was amazingly quick – I had my interview in August and received my offer in under two weeks.

So what’s my typical day at work like?

The work is really varied

I’m currently bringing our past project documentation up to date, which draws on the editing skills gained during my degree. Usually, I’ll spend time during the morning liaising with the project owners via email and telephone.

There are often many meetings during my day, including a monthly team meeting – most are in person but some people dial in from other offices. There’s a real team ethos here, so I really enjoy these catch-ups.

Another regular responsibility is to sit in on graduate interviews to help answer any questions the candidate may have. I really enjoy these too as that was me not so long ago! I’m also working on my voluntary Student Kickstart Initiative project which requires extra research and networking.

Most of the time I leave work at 5.30, but occasionally I stay a little later in order to get a project finished.

There’s plenty to do after work as well

My boyfriend and I moved when I took on the job, so we still feel like we’re experiencing a new city. My commute is fairly short at about 40 minutes, leaving us plenty of time to go out after dinner – either for a walk or to meet friends.

Talking of friends, the social life at work is great. CGI has its own Sports and Social Club, and every office holds regular social events. This could be anything from our own version of ‘Bake Off’ to board games at lunchtime. We recently held an Easter egg hunt which was a fun way to get to know people. Pretty much every office has a football team and there are also clubs for tennis, badminton, yoga, bowling, cinema trips and murder mystery dinners – you name it!

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**Women in STEM**

**Edith Flanigen, Born 1929**
Chemist

Working at Union Carbide, she researched molecular sieves and invented zeolite Y to refine petroleum. During her career, she invented more than 200 synthetic substances, including synthetic emeralds used in lasers.

**Annie Easley, 1933-2011**
Computer Scientist, Mathematician, Rocket Scientist

Starting as a mathematician and computer engineer at NACA, Easley developed code and analysed alternative power supplies for rockets. She went on to become a leading member of the team that developed the Centaur rockets’ software, and contributed to the 1997 flight to Saturn.
Margaret Hamilton, BORN 1936
Computer Scientist
After developing weather prediction software at MIT, she worked on the SAGE Project at Lincoln Lab, writing software for the first AN/FSQ-7 computer. She was then recruited by NASA and developed the in-flight software for Apollo and Skylab. However, she is best remembered for coining the term ‘software engineering’.

Patricia Bath, BORN 1942
Ophthalmologist
After attending medical school, she became the first female ophthalmologist at the Jules Stein Eye Institute at UCLA and founded Prevention of Blindness in Washington. In 1986, she pioneered cataract removal via the Laser Phaco Method, making her the first African-American woman to receive a medical patent.
Jocelyn Bell Burnell, BORN 1943  
Astrophysicist  
After gaining a PhD in physics, she researched quasars and discovered a rotating neutron star. In 2018, she received the Special Breakthrough Prize in Fundamental Physics, but donated the whole of the £2.3 million award to campaigns to aid female, minority and refugee physics students.

Jill Tarter, BORN 1944  
Astronomer  
Tarter loved stargazing with her father and went on to become a professional astronomer, focusing on the search for extraterrestrial life. In 1992, she became a project scientist for NASA’s High Resolution Microwave Survey before becoming director of Project Phoenix.

Shirley Ann Jackson, BORN 1946  
Physicist  
Jackson became the first African-American woman to gain a PhD from MIT, then became a visiting scientist at the European Organization for Nuclear Research. She was subsequently appointed Chairman of the US Nuclear Regulatory Commission by then-President Bill Clinton.

Linda Buck, BORN 1947  
Biologist  
At the Institute of Cancer Research, she mapped out the olfactory system, tracing odours and cell responses. In 2004, she and colleague Richard Axel were awarded the Nobel Prize in Physiology or Medicine for identifying the genes that code more than 1000 odour receptors.

Elizabeth Blackburn, BORN 1948  
Biological Researcher  
Born into a family of physicians, Blackburn researched DNA sequencing at university and went on to study protozoans and telomeres. In 1984, she co-discovered telomerase, the enzyme that prevents cell ageing, and received the Nobel Prize in Physiology or Medicine in 2009.

Sally Ride, 1951-2012  
Astronaut, Physicist and Engineer  
Joining NASA in 1978, she completed astronaut training in 1979 and was the first American woman in space four years later. She was later a Professor of Physics at the University of California, and remains the youngest American to have gone into space.

Mae C. Jemison, BORN 1956  
Astronaut, Physician and Engineer  
Entering university at 16 and graduating from medical school, she worked as a GP and Peace Corps Medical Officer before becoming an astronaut with NASA. In 1992, she was a mission specialist aboard the Space Shuttle Endeavour, investigating weightlessness and motion sickness.

May-Britt Moser, BORN 1963  
Neuroscientist  
Alongside her husband Edward Moser and John O’Keefe, she pioneered research into the brain’s mechanism for space perception. This gave scientists new understanding of cognitive processes and neurological conditions. In 2014, she and her colleagues shared the Nobel Prize for Physiology or Medicine.

Tessy Thomas, BORN 1963  
Director General of Aeronautical Systems  
The first woman to head up a missile project in India, she is currently the Director-General, Aeronautical Systems of the Defence Research and Development Organization.

Maryam Mirzakhani, 1977-2017  
Mathematician  
After becoming the first Iranian student to achieve a perfect score at the global Mathematical Olympiads, she became a research fellow at the Clay Mathematics Institute and a professor at Princeton. She was awarded the Fields Medal for her contribution to maths, but her stellar career was sadly cut short by cancer.

Ameenah Gurib-Fakim, BORN 1959  
Biodiversity Scientist and the Sixth President of Mauritius (2015 to 2018)  
After gaining her PhD in organic chemistry at the University of Exeter, she returned to Mauritius as a professor. She later opened her own science centre, studying local medicinal and aromatic plants. Gurib-Fakim then left science for politics, and was appointed President of Mauritius in 2015.

Ann Makosinski, BORN 1997  
Student inventor and public speaker  
In 2013, she invented the Hollow Flashlight, which uses thermoelectrics to convert temperature into light. The device won her the Google Science Fair, and she subsequently gained an investment of $50,000 from the Quest Climate Grant for inventions powered by body heat.
We want you to take the step in to STEM

As you can see, joining us in a STEM career is a lot easier than you thought. We’re passionate about diversity and inclusion and our Women’s, BAME (Black, Asian and Minority Ethnicities) and LGBT+ Networks will make you feel right at home – whoever you are and whatever you want from your career.

The first step is to apply online at cgi-group.co.uk/careers and we’ll take things from there, helping you take your first steps in to STEM.
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