

CAREERS NEWSLETTER

Inspiring Excellence

This newsletter is a collation of all the opportunities we have heard about from employers and universities. Please use the links included to read more information and apply to anything you are interested in. Links are underlined.

 Listen to this newsletter

OPPORTUNITIES

 **National STEM Day** is a designated annual observance taking place on the 8th November, celebrating the fields of science, technology, engineering and mathematics.

 "From the start of his journey as a graduate, Sam's been given real responsibility working across impactful projects – helping him develop and learn something new every day." Meet Sam, Graduate Electrical Engineer at BAE Systems [here](#).

 An EDT placement will give students an opportunity to continue their STEM journey after leaving school or college and take a paid gap year to help inform and shape their future career choices. They will gain invaluable experience working in industry, develop their skills and knowledge, and boost their future employability. Read more and apply [here](#).

 From Code to Cloud: Exploring STEM Careers at Amazon. Join us on November 12th for an exciting virtual event with professionals working on cutting-edge streaming and cloud technologies! Students will hear first-hand about the innovative work driving these industries, discover what a typical day looks like, and explore the skills and technology that make it all happen. [Register here](#).

 Step inside a world where excellence meets ingenuity. Our work experience programmes offer you a unique opportunity to discover what makes Rolls-Royce a business that has truly helped to shape the modern world. [Register your interest](#) to receive updates on work experience and insight weeks.

 Are you a student excited about science, technology, engineering, and mathematics? Siemens Energy invites you to a 3-day virtual work experience programme on the 10th-12th November. BE QUICK - applications close on the 20th October. [Apply now](#).

If you have any questions or need support, please email Stephen.King@madeley.set.org

JOB OF THE WEEK



Electrical
Engineer

An electrical engineer designs, develops, builds, and maintains electrical systems, components, and machinery across various sectors like energy, transport, and manufacturing. Key responsibilities include creating technical designs, conducting studies, managing budgets and timelines, ensuring projects meet safety codes and client needs, and performing maintenance and testing.

LABOUR MARKET INFORMATION FACT

"Young people are clear about what they want: fair pay (60%), flexible hours (71%) and autonomy (59%). But more than half (53%) fear AI will take jobs. Their hopes for balance and innovation are reduced by fears of insecurity and exclusion."

Source - 2025 Youth Voice Census

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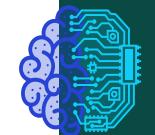
OPPORTUNITIES



On Monday 3rd November from 18:00-19:00 join the Exeter Uni free webinar on choosing a course and university. They are an opportunity for students to find out more about university, consider options and to hear about specific courses. [Register here.](#)



Explore the Destination STEM Life After School Careers Fair. [Take a tour](#) of the virtual fair and discover a range of employers that can support you with life after school.



"We're inviting you to take part in early testing of Springpod's brand new AI Interview Coach an interactive tool designed to help you build confidence, practice interviews, and receive personalised feedback." [Click here](#) to take part.



Check out these careers courses for school and college leavers on making future decisions. They are free to use and you can discover What's Next for you and find out what you need to thrive. Available courses can be found [here](#).



SCS JV is building the London tunnels for HS2, a new high-speed railway that will connect London and Birmingham. Hear from Julia, a civil engineering apprentice working on a tunnel vent shaft for SCSJV, about what it's like to be part of the biggest infrastructure delivery project in Europe [here](#).



Healthcare Science Careers: Virtual Work Experience with NHSE. In [this virtual Springpod programme](#), you'll explore the key areas of healthcare science, from life sciences and physiological sciences to physical sciences, learning how these fields work together to improve patient care.



In [this short, high-impact Sprint](#), you'll step into the role of a tech professional at Amazon. You'll learn why verifying AI-generated information is essential, and how critical thinking makes AI systems more reliable, trusted and safe.

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EMPLOYER SPOTLIGHT

"When you join BAE Systems, you'll be part of a inclusive culture committed to nurturing your potential in an environment where your unique skills and experiences will be valued and your contribution recognised. You'll be supported and empowered to be your best – no matter where you are, or whatever your background."

Read more [here](#).

UNI SPOTLIGHT

"At the [University of South Wales](#), we deliver courses that will change lives and our world for the better. The University of South Wales is officially ranked in the Top 50 UK universities in the Guardian University Guide 2026. This achievement reflects our commitment to providing an applied, hands-on approach to education, because we believe the best way to learn is to do. This is education in action."