



Careers Newsletter for Families

South East
Midlands
CAREERS HUB

CAREERS &
ENTERPRISE
COMPANY

SEMLEP
South East Midlands
Local Enterprise Partnership

Inspire.
Prepare.
Succeed.

January 2024

Welcome to the first SEMCH Newsletter of 2024 for families supporting young people in the South East Midlands. In today's rapidly evolving job market, preparing young people for the future requires a keen understanding of emerging trends. Two major areas of focus are Artificial Intelligence (AI) and the pursuit of Net Zero goals. As parents and carers, it's essential to guide and support your young people in exploring employment opportunities within these fields, ensuring they not only stay relevant but also contribute to building a sustainable future. This newsletter looks at the impact of AI and Net Zero in the South East Midlands labour market. You can find more information on SEMLEP and the SEMCH, including our live opportunities portal, on our [website](#)

Understanding the Landscape

Artificial Intelligence (AI): The integration of AI across industries is reshaping the employment landscape. Jobs related to AI are diverse, ranging from data scientists and machine learning engineers to AI ethicists and business intelligence analysts. To prepare your young people for these opportunities, encourage them to develop a strong foundation in mathematics, coding, and critical thinking.

For example this current opportunity at Unisys in Milton Keynes [AI/Machine Learning Architect](#)

Or this apprenticeship at Barclays in Northampton [Technology Analyst Foundation Apprenticeship](#)

Net Zero: With the global commitment towards achieving Net Zero emissions, careers in sustainable development, renewable energy, and environmental sciences are on the rise. Your young people can contribute to this movement by considering roles in green technology, sustainable design, or environmental policy. Encourage them to pursue education and training in fields related to environmental science, engineering, or sustainable business practices.

For example this Junior Environmental Adviser role in Northampton [H&MV Engineering](#)

Or this apprenticeship at the National Grid in Luton [Overhead Lines Craftsperson apprenticeship](#)

Preparing for employment opportunities in AI and Net Zero initiatives is a holistic process that involves education, skills development, networking, and a commitment to ethical considerations. By fostering a love for learning, encouraging exploration of current opportunities, and emphasizing the importance of ethical practices, you empower your children to not only succeed in these dynamic fields, but also contribute meaningfully to a sustainable future.

Essential Skills for AI and Net Zero

Digital Literacy: Ensure your children have basic digital skills and are comfortable navigating various technology and social media platforms. Familiarity with programming languages and software tools will be advantageous in AI-related roles.

Critical Thinking and Problem-Solving: Emphasize the importance of honing critical thinking skills. AI and Net Zero initiatives require individuals who can analyse complex situations, identify problems, and propose innovative solutions. Encourage your young person to engage in activities that stimulate their problem-solving abilities.

Adaptability and Continuous Learning: The fast-paced nature of these fields demands adaptability and a commitment to lifelong learning. Encourage your children to embrace new challenges, take online courses, attend workshops, and stay informed about the latest developments in AI and sustainability.

GIVE AN HOUR



Does your employer support volunteering days?

You can get involved with the activity of local schools and the South East Midlands Careers Hub in several ways:

- Give an Hour – to support one-off events like careers fairs or mock interview days.
- Become an Enterprise Adviser.
- Ask your employer to offer work experience, work shadowing or employer visits for local young people

Local careers activity across the area updated here:

[Give an hour - Careers Hub - SEMLEP Growth Hub](#)

More details on getting involved with supporting careers work with young people as part of the South East Midlands Careers Hub [here](#)

Employers on our Doorstep



Anghian Water manages, supplies and recycles water for the driest region in the UK. From delivering the highest standards of customer service to transforming the way water is valued by everyone, they work to innovate and improve every day as part of the net zero agenda.

They offer a range of practical and higher level apprenticeships from Level 3 to degree level as well as graduate programmes. Find out more [here](#)



Careers Hub Webinars

For young people and parents to learn more about specific industry opportunities in apprenticeships.

Wednesday 24th January - 6.30pm Sign up here [Higher & Degree Apprenticeships in Finance, Banking & Insurance](#)

Wednesday 31st January - 6.30pm Sign up here [Higher & Degree Apprenticeships in Engineering](#)

[Find all webinars here](#)

Open Days

Bedford College Group includes Bedford College, Tresham College, Central Bedfordshire College and Shuttleworth College. Further details of the forthcoming open events can be found [here](#)

Milton Keynes College offer a series of open events throughout the academic year. Further details can be found [here](#)

Northampton College have planned open events and advice days at all their sites this term. Further details can be found [here](#)

The University of Bedfordshire has open events at all sites during this term, including a dedicated nursing midwifery and health open event on 3rd February. Further details are [here](#)

Northampton University has a planned open day on 20th January and will be offering more events later in 2024 . Find out more and book your place [here](#)

[opendays.com](#) includes comprehensive information about all university and college open days if you are looking further afield.



Work Experience Opportunities

Gaining work experience is incredibly valuable for young people when they are trying to make decisions about future careers, and to strengthen future applications for work or education and training. Speakers for Schools have a large number of virtual insight and work experience opportunities [here](#)

Sticking with the theme of AI and Net Zero:

Environment and sustainability with [NatureScot](#)

Digital marketing with [Uprise Up](#)

Sustainable architecture with [AHR and HYAS](#)