CAREERS NEWSLETTER

OPPORTUNITIES

Week commencing 16th September is National Coding Week. This year's theme is AI. The focus on AI aims to highlight its growing significance in various sectors and underscore the need for a broader understanding and proficiency in this cutting-edge technology.

National Coding Week provides an excellent opportunity for individuals to dip their toes into the world of coding and discover the vast possibilities it offers. Here are some opportunities you can take part in...

Do you want to learn to code but are unsure which coding language to begin with? National Coding Week have put together a helpful guide on The Best Coding Languages to Learn for Beginners.

So, now you've learnt a bit more about different coding languages, where can you actually do a course to learn more? Here are a few options:

- YaizY courses - they also have options to learn about game design and computer science.
- Code Academy - this has more intermediate courses and is also used by adults looking to make a career change into tech. Look for the 'beginner friendly" courses to start with.
- FreeCodeCamp - this site is a collation of free coding courses from different online sources, such as universities.

Of course, the increase in the use of AI will have challenges as well as opportunities. Explore these challenges further in a blog from National Coding Week that focuses on how we, as humans, can navigate the challenges AI creates.

The World Economic Forum predict 97 million new jobs to be created by 2025. In this blog, University of Leeds have ranked what they think are the top 5 jobs in AI and assess what skills and traits are required to succeed in each of these roles.

JOB OF THE WEEK

Intelligence Analyst

As an intelligence analyst, you'll collect and analyse national and international data using specialist software to build a picture of activities in a specific area and monitor the behaviour of individuals and groups.

Watch the video to learn more about working hours, salary and qualifications needed.

LABOUR MARKET INFORMATION FACT

In 2025, analytical thinking, creativity and flexibility are among the top skills needed.

Data and artificial intelligence, content creation and cloud computing the top emerging professions.

Source

If you have any questions or need support, please contact David.Rudd1@claremont-high.org.uk

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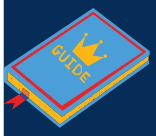
There are currently 439 university courses that focus on AI. You can read more about these here. There are a mixture of in person courses, online courses, part time courses, full time courses and different levels! You can use the filters on the UCAS website to make the search more relevant to you.



University isn't right for everyone. Maybe you're considering doing an apprenticeship in the future instead. Here is more information form UCAS in the format of an industry guide which provides you with average salaries, case studies and videos about digital apprenticeships.

At the time of writing this newsletter, there are 270 apprenticeship vacancies currently being advertised on the UCAS website. Like with the university search, you will need to use the filters to personalise this search to you.

UCAS isn't the only place you can find information on apprenticeships, you can also use; Not Going to Uni, Get my First Job and the Government website. Each website will have different opportunities.

If there is a particular company you're interested in working for, you can also look at their specific apprenticeship information. To do this, search the name of the company followed by "early careers". This will also tell you about graduate schemes if you're thinking of joining the workplace after university. Here are some examples; Google, Microsoft, Amazon

Don't wait to learn about AI! You can complete a free Google Certification now. This will look great on your applications for university or apprenticeships in the future.

How could AI change the world? Every scientist has a different prediction and there are lots of blogs, videos and online resources you can use to research this topic. Here is a video from TED Education to get you started.

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EMPLOYER SPOTLIGHT

"At **Vodafone**, we dream big and innovate with heart. We empower people through technology. Whatever your passion, whatever your talent or educational background, you can rest assured that the programme you need to build your career is available with us."

Read more about Vodafone here.

UNI SPOTLIGHT

Imperial College offer 10 different computer science courses to choose from, each specialising in a different area and available up to Masters level. These include computing alongside management and finance, software engineering, security and reliability, artificial intelligence and machine learning, and visual computing and robotics.

Read more about Imperial College courses here.