

COMPUTER **SCIENCE** SKILLS BOOTCAMP

Gain in-demand Coding, Cyber Security and Extended Reality skills

Code Nation is pleased to introduce our new 10-week Computer Science" Skills Bootcamp in Coding, Extended Reality and Cyber Security. Equivalent to a level 3 qualification, the course is divided into three separate learning blocks and each will give you projects to add to your professional portfolio.

You will build on your current experience to gain even more in-demand knowledge and the skills to empower you into a new career in the tech industry or into further progression / training. You will learn in an intuitive remote development environment alongside other aspiring developers working with the latest platforms and technologies used in industry today.

This is a full-time course, running 9:30 - 17:30 Monday - Friday for 10-Weeks. You can attend remotely or from our Chester campus.

What will you learn?

SOFTWARE **DEVELOPMENT**

4 weeks: Build on the fundamentals of programming

- Front-end development including HTML, CSS, JavaScript and the DOM to make professionally designed websites.
- Create a user-authentication portal which utilises both front-end and back-end fundamentals
- Introduction to Artificial Intelligence and Machine Learning, using Data Science to build a neural network.
- Create a full-stack chatbot web app as your final project.

**Built in Employability Training
from our Employers**



Learn in Demand Tech Skills



**Access to the CN Talent Portal
for more opportunities**



EXTENDED REALITY (XR)

2 weeks: Explore the world of VR and create your own projects

- Expand upon your development experience and learn to work with, and generate, both 2D and 3D graphics
- Create both a 2D and 3D game in-browser using a combination of your acquired knowledge
- An introduction to modern technology, and development life-cycles
- An introduction to ground-up game design and development (including Unreal Engine)

CYBER SECURITY

4 weeks: Learn how to defend computer systems from attacks

- Basics of how computer systems function and how data is kept secure.
- Networking and how your data moves from one system to another.
- Exploring vulnerabilities in both hardware and software and how they can be exploited.
- Modern cyber threats and how they function with real world examples of cyber attacks.
- Learn how to operate some of the industry standard tools that are used by both cyber criminals and ethical hackers.
- Access to TryHackMe Premium accounts, an internationally recognised platform that allows users to learn about different operating systems, networks, common cyber threats and security exploits.

Government funding is available for this course. For more information, speak with our admissions advisors today.

Get in Touch

www.wearecodenation.com

Tel. 0161 533 0541

Admissions@wearecodenation.com