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 from 09:30am - 17:30pm, 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.
• Deep dive into back-end and full-stack Python including object oriented programming and the Flask framework.
• 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.

• Explore the world of Virtual Reality (VR) and learn the skills to continue your journey into game development.

• Overview of VR and its history.

• Continue to utilise and develop your coding skills.

• Explore the full development lifecycle of VR applications.

• Introduction to Unreal Engine and the professional tools you'll need to develop XR projects from the ground up.

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

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