

Software & Web Development Bootcamp: Part-Time

Gain the skills you need to become a Junior Developer

Always wanted to be able to code?

Learn to create websites, Python games and find out what it's like working in the Tech industry.

Our Software & Web Development Bootcamp is a 6-week, intensive part-time course. It focusses on the principles of coding and applies it to both Python front-end web development and back-end development.

We look at software development methodologies and how these are used in industry. Students also get the opportunity to implement these in a group project.

Our course is for beginners and those with limited experience, no technical knowledge required.

Students complete practical, hands-on sessions as well as completing tasks to demonstrate knowledge and use their own interests and passions to create a website project for their portfolio.

Part-time remote course, running specific days over a 6-week period.

Each day on the course will be 09:30am - 17:30pm.

**Built in Employability Training
informed by Employers**



**Gain valuable
Commercial Skills**



**112.5 Hours hands-on Coding
Experience**



What is covered?

Week One (2 days)

In your first week, you will be given an introduction to the Virtual Learning Environment, meet your development team, and download all of the software you need to become a developer. You will then begin your journey into Python.

- Introduction to Python
- Properties and methods, Variables, If else, Functions, Lists and Loops
- Dictionaries and their methods

Week Two (2 days)

In week two, you will continue to learn Python programming concepts including Object - Oriented Programming principles.

- Introduction to libraries
- Introduction to Classes
- Introduction to Object-Oriented Programming (OOP)
- Develop problem solving skills through in class challenges and activities

Week Three (2 days)

In week three you will put all your Python knowledge and skills into practice to create a mini Python game. You will also learn how to use Trello as a project management tool. In the second part of the week you will learn about Agile methodology and how this is used in industry.

- Introduction to OOP team challenge and project
- Creating a mini-game in Python
- Use of Trello
- Apply Agile methodology

What is covered?

Week Four (3 days)

In the fourth week, you will start by looking at collaborative technologies and how these are used in software development. You will work in groups using Agile methodology to create a game in Python. At the end of this week you will be supported in applying for jobs in the industry through employability coaching.

- Utilising collaborative technologies
- Group Project to create a Python game

Week Five (3 days)

At the start of this week you will look at Bootstrap 5 as a framework for web development and how to create a website using this technology. You will then be given a brief and start to plan out a mini team project.

- Employability coaching
- Introduction to HTML and CSS.
- Exploring styles, Google fonts etc.
- Introduction to Bootstrap 5

Week Six (3 days)

In week six, you will work in small teams to create your own websites implementing all the learning from previous weeks as well as learning how to host your website online. You will then have a session to reflect on the course and your journey.

- Mini team project for a client brief
- Hosting completed website online
- Completion of the course

Guaranteed interview upon completion of the course

The course is fully funded subject to eligibility.

For more information, speak with our Admissions Advisors today.

Get in Touch today



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