

Callum Davies

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Education

University of Nottingham (2019 - Present)

Course: Computer Science BSc

Open University (2017 - 2018)

Course: Access to Higher Education in
Computer Science and Business Management

Projects

Controversy (Android Application)

June 2020 - Present

- Developing a multi-player argument based game in Android Studios (Java)
- Following best practices recommended by Android Developers to build an architecture for local database access

Software Engineering Project

April 2020

- Worked in a group of five to unit test and debug a collection of Java classes, using GitLab as version control

Website with MySQL Database

March 2020

- Created a basic website which allows users to add, retrieve and delete data stored on a MySQL database
- Used PHP to perform database queries, and implemented form validation with JavaScript

Text File Read/Write Program

March 2020

- Developed a program that reads text files, manipulates/validates data, and outputs data to a new text file
- Used intermediate principles of Object Oriented Design such as Observer and Strategy patterns

Minesweeper

February 2020

- Developed Minesweeper in Java
- Used the Java Swing library to create a GUI

Technical Skills

- Languages: Java, JavaScript, C
- Scripting/Markup languages: HTML, PHP, XML
- Operating Systems: Windows, Linux
- Version Control: GitHub
- Databases: MySQL, SQLite
- IDE's: IntelliJ IDEA, Visual Studio Code, Eclipse

Modules & Grades

- Programming Paradigms - 1:1
- Databases and Interfaces - 1:1
- Introduction to Software Engineering - 1:1
- Introduction to Artificial Intelligence - 1:1
- Mathematics for Computer Scientists - 2:1
- Programming and Algorithms - 1:1
- Systems and Architecture - 1:1
- Computer Fundamentals - 1:1

Experience

New Look (Solihull)

May 2018 – January 2020

Sales Advisor

Elderberry Black Cafe

March 2017 – May 2018

Assistant Chef

Kitchen Garden Cafe

November 2014 – March 2016

Assistant Chef