JOSH CODD

Computer Science Student

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SKILLS

Throughout my A-Levels and university, I have experimented with various languages such as **Java**, **Visual Basic** and **Arduino.** Outside of education, I have continued my mission to keep learning and self-taught **JavaScript (ES6)** as well as some other web development technologies such as **React (with styled-components).**

I am proficient in **Node.js** and **RESTful API's,** along with **SQL** and **MongoDB**. I'm passionate about writing clean code that is easily readable.

Below are some technologies that I use frequently.

Languages

Java
JavaScript
HTML
CSS

Frameworks

React
Next.js
Express

Tools

Git
Github
MongoDB
Heroku
Z shell/Terminal

PROFILE

A resilient and hard-working individual with a passion for technology and problem-solving. I love being challenged, and thrive when being faced with a problem. I'm eager to learn and improve my skills.

EDUCATION

Computer Science, Swansea University

I am currently in my second year of study. **My results for my first year were all 1st class.**

- Modelling Computer Systems (Discrete Mathematics) 1 & 2
- Programming (Java, OOP , algorithms and data structures) 1 & 2
- Concepts of Computer Science (Data representation, logic gates and assembly programming and more) 1 & 2
- Professional issues in Computer Science 1 & 2

Sixth Form

At A-Level, I studied Business, Computer Science and IT.

PROJECTS

Listening Habits

A React web application for displaying a user's personalised Spotify data such as top tracks and artists, I also use this data to calculate the top genres. The app consists of a React front end as well as a Node.js server for authorising the user using OAuth2.

Sorting Visualizer

A React web application for visualising various sorting algorithms. The user is able to adjust the collection size and algorithm speed. When building this application I was able to learn a lot about React, as well as solidifying my knowledge on sorting algorithms.

EMPLOYMENT

Waiter, No Sign Wine Bar

I worked as part of a **team** in an extremely busy and fast-paced restaurant. Here, I gained skills such as **prioritising workloads** and **organising** effectively to ensure the most important tasks were done first while also ensuring that every customer had an amazing experience. I also developed **very good communication skills.**