

Liam Cooper - Junior Software Developer

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Portfolio: <https://liamcooper27.github.io>

Personal Statment

A junior software developer currently working on gaining experience with the most relevant technologies to help me on my journey to becoming a better full stack developer and a valuable asset to a company. My current professional backend work is focussed on working with Asp.Net core/C# with MongoDB to develop and maintain Api's on a daily basis. My professional frontend work is mostly with Javascript and have used a small amount of React.js.

Work Experience

CDSM Interactive solutions (Jan 2020 - Present) Junior Software Developer

- I work as a part of a team in an agile environment on the infrastructure for a web application which provides users with a learning environment.
- My main role is to work on repositories which are different api's that make up the main web application called Thingi.
- My focus has been mainly on backend work using Asp.Net core/C# and MongoDB. The repositories I work on are run as a docker containers and Git is used for version control.
- Also, while working here I have dabbled with frontend work using CoffeeScript, React.js and testing of user interfaces with Cypress.

Bridgend Ford motor company (2013) School placement

- Stationed with the IT department where I had experience using the software that kept track of motor parts in the company. My role was to check the amount of motor parts the company had on file against the amount of parts that were physically counted and correct any differences.

Education

2016 – 2019 Swansea University

BSc (Hons) Computer Science – First Class

- The first year helped me gain the skills to understand the elements of a programming language which was taught through Java.
- Second year helped me apply these skills further in a team environment which also gave me experience using GitHub. This year also helped me to gain a better understanding of how algorithms work and introduced me to software testing.
- Third year allowed me to branch out and gain skills in many different fields like mobile/web application development, data visualisation and machine learning.

2013 – 2015 Neath Port Talbot College

Level 3 extended diploma in IT – Distinction* Distinction* Distinction*

- Here I was first introduced to programming using visual basic, the basics of web application development using HTML/CSS and graphics design.

ECDL (European Computer Driving License)

2008 – 2013 Cwrt Sart Comprehensive School

Five GCSE's grade A-C including Maths and English.

Technical Skills

Programming languages & frameworks

- **Java**
 - The language I am most proficient with and used throughout the three years of my degree.
- **Python**
 - I learned this language for my third year project which involved machine learning, I also got familiar with some of the libraries like Scikit-learn, Matplotlib and Pandas.
- **HTML/CSS, Javascript, Bootstrap**
 - I got familiar with these languages during my studies and through personal projects in my spare time.
- **MongoDb**
- **Asp.Net core**
 - Use this on a daily basis at my current employment for backend development written in C#.
- **Flask Python web framework**
 - This was used as a part of my third year project as the backend for my website.

Development environments

- **Jupyter Notebooks**
- **Visual Studio/Visual studio code**
- **Android Studio**
 - I used this along with Java and SQLite to create a mobile application during my final year of university, it allowed its users to create and invite their colleagues to meetings.

Software

- **Adobe Photoshop and Illustrator**
- **Sony Vegas pro**
- **Microsoft office**

Version control

- **Git**

Accomplishments

Represented my college in the 2015 South Wales WorldSkills web development competition.

Hobbies and Interests

A hobby that I am passionate about is playing football. Every weekend I play for a local 11-a-side Sunday league team and also run a 6-a-side team which usually play at the start of the week.

I like to keep up to date with my programming skills in my spare time, to do this I usually take part in the courses that run on Codecademy. Here I like to start courses that will help me to further improve on languages that I already know or use it to become familiar with a new language.