

Liam Sean Cooper

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Personal Statement

A recent Computer Science graduate with a First class honours degree from Swansea University. Looking to start my career as a software engineer to utilise my programming skills that I have developed through various academic and personal projects that I have undertaken. I hope to further develop these skills in an environment that challenges me to push myself on a daily basis.

Education

2016 – 2019 Swansea University

BSc (Hons) Computer Science – First

- 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.
- Third year allowed me to branch out and gain skills in many different fields like mobile application, 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

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. Not as proficient with Javascript compared to the others.

- **Asp.Net core mvc 2.1**
 - Used this to develop a forum web application during my studies in my final year.
- **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
- 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

Work Experience

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.

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.