

William Conroy

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Education

Swansea University

Swansea, UK

BACHELOR OF SCIENCE IN COMPUTER SCIENCE || FIRST CLASS

Sept. 2018 - July. 2021

- Modules: Artificial Intelligence, Web Applications, Cryptography & Security, Advanced Object Oriented Programming, Declarative Programming, Video Games Programming.
- Societies: swan_hack, Gaming

Beechen Cliff

Bath, UK

A LEVELS

Sept. 2016 - Aug. 2018

- Courses: Mathematics [B], Physics [B], Biology [B]
- AS Course: Computer Science [A*]

Skills

Languages Java, C++, C, C#, Python, HTML, PHP, Prolog, Haskell, Javascript

Web Application Framework Laravel

Database MySQL

Other technologies Unity

Experience

ARGOS

Newquay, UK

RETAIL ASSISTANT

Jul 2019 - Sept 2019 | Dec 2019 - Jan 2020

Because of the nature of working during the hectic holiday months, my ability to work as a member of a cohesive team was quickly honed. This was due to the time sensitive work that our close-knit team dealt with daily. My responsibilities were split evenly between the service desk and stock management. I was commended and relied upon for my polished and efficient customer service. My ability to quickly learn on the job and genuine interest in seeing the inner workings of such a massive company, meant I was again relied upon in all areas of stock management. From deliveries and sorting to point of sales. My aptitude and work ethic meant I was asked back for other holiday periods.

THE DARK HORSE

Bath, UK

BACK OF HOUSE ASSISTANT

2017 - 2018

As a first job it rapidly educated me in the responsibility and work ethic required as a member of a team in a professional environment. This job instilled a deep respect of true professionals in their field. As the enthusiasm was catching and the chance to learn and listen to colleagues that have spent the life honing the skills was a true joy. This is a passion I will bring to any job.

Academic Projects

Final Year Dissertation Project - PHP, mySQL, JavaScript

Creation of a web application for modelling the Welsh election. This application displays a database of historical election results which allows the user to manipulate the module to better understand the impact of the new additional member voting system. This was developed using the PHP Laravel framework on a Homestead virtual machine. I am still actively working on this project and the current version of the cite can be found here. Mark achieved 76%

Group Project - Java

6-member team producing recreation of the game Chipman in Java. Became the de facto team leader and headed up the final presentation of results. Mark achieved 84%

Stats Wales Data Analysis Tool - C++

Part of C++ Module, I development a data analysis tool, which was designed to read and filter Walsh data stored in JSON and CSV formats. Mark achieved 88%

Personal Project

Local Multiplayer Card Game - Unity

A collaboration between me and a school friend, this ongoing Unity project started as a game jam. However we have continued to work on the project to gain experience in coding a game from scratch to launch. Please see my GitHub repository for the current updates.