

MOSELLE PATTISON-CHRISTIE

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OVERVIEW

Extremely excited to enter the professional world of computer science, contribute to real world problems and further my skills and knowledge. I am driven student with a passion for coding and problem-solving. I have developed coding skills through personal projects which helped to build confidence and apply key computing theories to my work. A proven ability to communicate within a team and produce quality results, making a great addition to any workplace.

EDUCATION

Computer Science BSc (Predicted Grade: 1st) | University of Leicester

2020 – PRESENT

Relevant modules: Computer Architecture (87%), Computing Fundamentals (90%), Foundations of Computation (65%)

GCSEs and A Levels | Dunraven School

2012 – 2019

A Levels – Mathematics (C), Physics (E) and Computer Science (C)

GCSEs – 14 GCSEs A* - C including Mathematics and English

EXPERIENCE

CURRENT EMPLOYMENT

Barista and Café Assistant | Imperial War Museum

APRIL 2022 – PRESENT

My role involves till service, barista and maintaining the floor. The skills necessary for this include:

- **Communication** with customers to ensure their needs are met and they are satisfied with the service they have received. I must clearly answer any queries they may have as tourists or questions about the museum.
- Effectively applying **teamwork** to ensure that all areas of the café are running smoothly. It is important that I can be relied on to step into another role if my colleague becomes overwhelmed, even when entering roles which may be new to me.

RELEVANT EXPERIENCE

Shadowing Quantitative Software Engineer | Natwest Investment Bank

JULY 2018

Involved shadowing a software engineer at Natwest gaining insight into tasks and problems faced when working in investment banking. My experience included:

- Learning how the unpredictable behaviour of a stock's value can be predicted using Brownian motion.
- Learning the basic syntax of C and solving simplified problems relative to the topics required in investment banking.
- Attending meetings to better understand what work is required by the team of Software Engineers.

SKILLS

- **Problem-solving** skills required to code projects in Python and Java.
- **Web development** skills including coding in HTML, CSS and JavaScript.
- **Teamwork and Communication** developed through various group projects at university and working in hospitality areas.
- **Mathematic** proficiency learned from A Levels and continued use within computer science degree.

PERSONAL PROJECTS

Personal Portfolio Website

Technologies Used: HTML, CSS, JavaScript

Personal portfolio designed to display my projects. Through this project I learned:

- Techniques which can be implemented to save time and improve the quality of my code, such as building pages with different screen sizes in mind.
- To explore the more artistic side of coding and **design choices** to represent myself in a fun way.
- If you are interested in viewing my website please visit: <https://moselle123.github.io/mosellepc/>

Snake Game

Technologies Used: Java, Git/GitHub

A remake of the classic snake game using Java Swing. Completing this project:

- Reinforced key ideas like implementing OOP to **encapsulate** my attributes and methods.
- Pushed me to use **Git** to store versions of my code which I found to be essential and will be carried forward to all future projects especially, when working in groups.

Planetary Simulator

Technologies Used: Python

A planetary simulator which takes user input for radius, mass and distance to model a planet's orbit. This project taught me:

- How to plan a project properly to ensure success.
- How to research a topic and use **abstraction** to apply this research to different methods eventually creating a working program.

VOLUNTEERING

Customer Assistant | British Heart Foundation Bookshop

OCTOBER 2017 – MARCH 2018

- Itemizing donations and accurately logging them into the system.
- Advising customers on purchases and boosting sales by providing recommendations.

INTERESTS

Outside of my academic hobbies in my spare time:

- I regularly attend a **kickboxing** club.
- I enjoy **cooking** meals from different cultures.
- I collect and care for various **houseplants**.