

SEBASTIAN RICHARDS

OBJECTIVE

Currently studying MSc Computing at Cardiff University and waiting to graduate this September. I am looking to apply myself immediately in a junior developer position.

PROJECTS – All projects can be viewed on my portfolio website linked above

Project 1 – Flask Social Network Microblogging Service

The project allows users to create an account, login and create a post as well as comment and like these posts. The user can update their profile information by changing their profile picture and password. The users' passwords were encrypted using Bcrypt.

Languages used: Python, SQLite, Flask, HTML, CSS, Bootstrap uploaded on Heroku

Project 2 – Digital Twin for Microreactor

This project allows users to input data to create a digital copy of a microreactor. This project entailed creating a graphical user interface that took in and converted different points of data to create objects that encapsulated every physical property of a microreactor.

Languages used: Python, Tkinter

Project 3 – Splash Game

This project is a 2d platformer inspired by flappy bird. The user presses the space button to keep the shark afloat and avoid the hooks and sometimes monsters that occasionally spawn.

Languages used: Python, Pygame

LANGUAGES

Python, SQLite, HTML, CSS, JavaScript, Java, Flask, Django, Bootstrap, Heroku, Git, Linux, VS Code, Pygame, Tkinter

EDUCATION

MSc Computing – Cardiff University (2020-2022)

BSc Chemistry with Medicinal Chemistry – University of Warwick (2014-2017)

GCE Levels | Maths(A), Chemistry(A), Physics(B) – Royal Latin School (2012-2014)

PREVIOUS WORK EXPERIENCE

- Noden Farms Daventry – Farm Worker (05/19 – 10/19)
- 20/30 Labs Northampton - Laboratory Technician (09/18 – 02/19)
- Find New Business Buckingham – Sales Executive (05/18 – 09/18)
- Abbey CE Academy – Teaching Assistant (01/18 – 05/18)