Joanne Lin

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Profile

Second Year Computer Science student with a passion for programming, in particular working with concurrent systems. Extremely motivated and willing to try out new and challenging things. Lots of experience in working on individual projects and group projects. Looking for an internship to develop skills further by solving challenging problems and working in a new environment.

Education

University of Bristol BSc (Hons) Computer Science   September 2020 – June 2023

First Year: achieved a 2:1, including 77% in Imperative and Functional Programming and 80% in Object-Oriented Programming

Second Year: currently studying

Liverpool Blue Coat School A-Levels   September 2018 – June 2020

A*A*AB in Mathematics, Chemistry, Physics and Further Mathematics

Work Experience

Glow New Media   August 2019

Developed a website using ASP.NET MVC that allowed users to upload and display an image along with the EXIF data of the image, to simulate the work that the company was working on

Projects

SkyWrite App   October 2021 – May 2022

- Creating an Android app in Java as a team of 4 for our client, IBM, that allows users to send/view messages in augmented reality to a given postcode.
- Technologies used: Java 11, Android SDK version 7.0, ARCore, IBM Cloud, Docker, Git (GitHub) and Gradle

Santa's Workshop   December 2021

- Created a Golang program that simulates Santa's Workshop using concurrent and distributed techniques, such as Semaphores and Remote Procedure Calls (RPC)
- Technologies used: Golang and Git (GitHub)

Online Whiteboard   September 2021

- Created an online whiteboard website for multiple users to join a room and draw together. Hosted the website using a Flask server and used sockets for live responses between all the users.
- Technologies used: Python 3.9, Flask framework, HTML, CSS and JavaScript

For more projects, please visit: https://joannelin168.co.uk/projects.html

Leadership

Second Year Computer Science Course Rep

Attend frequent meetings with the department to discuss feedback from the cohort

Functional Programming Teaching Assistant

Assist first year students who are need help in the Functional Programming labs

Women in STEM Society Talks & Careers Rep and Equality Officer

Arrange talks with leaders in industry for members in the society to attend and ensure all students accepted and supported in the society

Skills

Languages: Java, Python, Go, C#, C, JavaScript, HTML and CSS

Technologies: SQL, Git, GitHub, IBM Clouds, Docker, AWS