

# Joanne Lin

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## Profile

Second Year Computer Science student with a passion for programming. 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 Sep 2020 – Jun 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 Sep 2018 – Jun 2020

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

## Projects

**SkyWrite App** Oct 2021 – May 2022

- Created 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.
- Created a Spring Boot application for the server to allow users to communicate with one another.
- Technologies used: Java 11, Android SDK version 7.0, ARCore, IBM Cloud, Firebase Cloud Messaging, Docker, CircleCI, Git (GitHub), Gradle and Maven

**Santa's Workshop** Dec 2021 – Dec 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** Sep 2021 – Sep 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

**Course Representative** May 2022 - Current

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

**Computer Science Society (CSS) Press Officer** May 2022 - Current

Design graphic and posters and manages newsletter/social media

**Functional Programming Teaching Assistant** Sep 2021 – Dec 2021

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

**Women in STEM Talks & Careers Rep and Equality and Diversity Officer** Apr 2021 – Apr 2022

Arrange talks with leaders in industry for members in the society to attend

## Skills

**Languages**: Java, Python, Golang, C#, C, JavaScript, HTML and CSS

**Technologies**: SQL, Git, GitHub, CircleCI, IBM Cloud, Docker, AWS