

Joanne Lin

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Profile

Third Year Computer Science student with a passion for Computer Vision and Machine Learning. 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 machine learning skills further in preparation for a postgraduate degree in Machine Learning.

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: achieved a First, including 80% in Data-Driven Computer Science, and 79% in Software Engineering Project

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

Computer Science Course Representative November 2020 - Current

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

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

Design promotional material for events and manage newsletter/social media

Computer Science Teaching Assistant Sep 2021 – Current

Work alongside lecturers to assist students during labs and provide mentoring for the Software Engineering projects

Skills

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

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