

James Broadhurst

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Portfolio: www.minyip.com
github.com/minyip

As an aspirational undergraduate pursuing a bachelor's degree in computer science, I am passionate about coding. Not only do I have a deep interest in working within the frontend, with a drive for UI design, I possess knowledge in the backend too. Motivated and a quick learner, I am open to learn from those with more experience.

Education

The University of Edinburgh - BSc Computer Science

2021 - 2025

Currently entering my third year of four at University.

ZTM Complete Web & Mobile Designer MOOC (Udemy)

Jul 2022 - Dec 2022

Spent my time learning basic UI/UX Design principles while becoming proficient in Figma.

Bangkok Patana School - (i)GCSE qualification + International Baccalaureate Diploma (IB)

2013 - 2021

(i)GCSE: Three A's, Seven A*s, Two 9's and One 8

IB: Overall score of 44, HLs: Mathematics (AA) 7, Computer Science 7, Physics 7

Work Experience

Delta Electronics - Mobile Application Intern (Java)

Jul 2020 - Aug 2020

- Constructed Android application to read and display data from an UNO Sense IoT Device
- Setup and organize meetings with client to acquire feedback
- Performed live demonstration with high fidelity prototypes

S/Library - Full Stack developer (React, Node.js, Firebase Services, Stripe, Figma)

Aug 2023 - Present

- Developing a web app which aims to sell second hand textbooks
- Coordinated meetings with clients to receive feedback
- Successfully developed high quality prototypes and wireframes with Figma
- Fully develop the front-end with React and implemented Google Cloudstore for the back-end

Side Projects

Airbnb Data Science Project (Python, Matplotlib, Seaborn, Scipy, GeoPandas)

Mar 2023 - April 2023

- Scraped and cleaned data into a tidy format on Airbnbs for Edinburgh city
- Investigated areas of interest in the city in relation to price in an explorative manner.

Music Room Booking System (Java, JavaFX, SQL)

Jan 2020 - Feb 2021

- Spent one year fully developing a modular Java based application for the school allowing the music department to organize and collect data on students booking music rooms for practice.
- Fully incorporated database via SQL allowing storage of data exportable through the application.

Self-made IoT Device (Java, SQL)

Aug 2020 - Sep 2020

- Created a device with an Arduino and DHT11 sensor which automatically collects information on air quality and periodically adds information to a database.
- Created android application which displays data about air quality through querying database information.

Skills

Highly Proficient: Java, Python, Javascript, React, Google Firestore

Semi Proficient: Python, HTML+CSS, SQL, Figma