

Allister Yu-Jin Gough

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Education

King's College London (KCL)

September 2021 - July 2024

Computer Science BSc - 2:1

Cheam High School

September 2019 - June 2021

A-Levels: Maths A*, Physics A | BTEC: Computing D*

Projects

Mobile Checkout App

December 2022 - April 2023

Kotlin, Android Studio, Google Firebase

- **Optimised** retail efficiency by building a mobile app that allows customers to scan and purchase products.
- Used **Google Firebase** for database schema storage, integrated several **APIs** including CameraX for Android and employed **Kotlin** for application development.
- Managed project progression and team collaboration for a group of ten people by utilising **Trello** for user story tracking and **Git** for version control.

Weather App

October 2024 - October 2024

Kotlin, Android Studio, Google Play Services, OpenWeather

- **Simplified** weather checking by building a mobile app that shows the weather at the user's current location.
- Used **Google Play Services** for location data and **OpenWeather's** API for weather data.

Lesson Booking Website (MSMS)

September 2022 - December 2022

Python, Django, HTML

- **Enhanced** the management of music lessons by building a website that allows preference-based lesson booking.
- Used the **Django** framework and implemented **SQLite** for secure storage of account details.

UNO inspired game

September 2024 - October 2024

Java

- **Developing** an UNO inspired game with the supervision of a **senior software engineer (yasu@hoshiko.tech)**.
- Using **test-driven development** and **Gradle** to run unit tests. Will use **Github Actions** to create a **CI/CD pipeline**.
- Will integrate game logic into a **http server**, allowing the game to be played via the web.

Work Experience

Costa Coffee

September 2024 - February 2025

Barista

- **Enhanced teamwork skills** from working together with other baristas during busy hours.
- **Enhanced multi-tasking** from managing several jobs simultaneously, e.g. taking orders, making coffee, dishes, etc.
- **Enhanced people skills** from dealing with friendly and difficult customers.

Leadership and Volunteering

Non-profit Business

April 2022 - Present

Brothers In Arms (BIA)

- Co-founder of a non-profit business that aims to improve the physical and mental well-being of teenage boys.
- **Enhanced leadership skills** from leading 12-18 year old boys in various sports.
- **Enhanced mentoring skills** from advising 12-18 year old boys in self-improvement.
- Website: **Brothers In Arms**

Charity Group

September 2014 - September 2016

WAIT UK

- Break-danced and beat-boxed in a performing arts group aimed at raising awareness for HIV and AIDS.
- Raised funds for children in Uganda through busking, sponsored hikes and creative concerts.

Skills

Technical:

Python, Java, Scala, Git, Github, Linux, Gradle, .NET

Non-technical:

Japanese (Novice), Guitar, Drums