

Allister Yu-Jin Gough

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Education

King's College London (KCL)

Sept. 2021 - Present

Computer Science BSc - 2:1 (Expected)

Cheam High School

Sept. 2019 - June 2021

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

Projects

Mobile Checkout App

Dec. 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.

Lesson Booking Website (MSMS)

Sept. 2022 - Dec. 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.

TICTACTOE AI

March. 2023 - April. 2023

Python

- **Upgraded** TICTACTOE by adding an unbeatable **AI**.
- Used the **Minimax** algorithm to generate the best move for the computer adversary.

Work Experience

Encyclopedia Britannica

Feb. 2018 - Jan. 2019

Market Research Sales Assistant

- **Enhanced teamwork skills** by conducting market research in a team of three.
- **Enhanced communication skills** by presenting to co-workers in daily team meetings similar to daily stand-ups and scrum meetings.

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

Sept. 2014 - Sept. 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, C++, Scala, Git, Github, Linux, MacOS

Non-technical:

Japanese (Novice), Guitar, Drums