

Muhammad Usman Bin Mujeeb

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EDUCATION

The Chinese University of Hong Kong

Bachelor of Science in Computer Science

CGPA: 3.51

Honours at Entrance (2022)

Hong Kong

Aug. 2022 – May 2026 (expected)

KTH Royal Institute of Technology

Semester Exchange, School of Electrical Engineering and Computer Science

Yasumoto International Exchange Scholarship (2024)

Stockholm

Jan. 2025 – June 2025

EXPERIENCE

Co-Founder

Dec. 2024 – Present

ReTouch

Hong Kong

- Awarded the Hong Kong Techathon+ 2025 Gold Award and secured pre-seed funding from the CUHK Pi Centre pre-incubation program
- Implemented automated pipelines for secure storage and retrieval of millions of e-receipts from S3
- Architected a secure PKI to manage digital certificates and ensure transaction integrity
- Collaborated with an external partner to design and manufacture a custom embedded Linux device for point-of-sale integration
- Implemented full CI/CD with GitHub Actions, automating build, test, and deployment processes to accelerate development

Software Engineering Intern

July 2024 – Dec. 2024

Deloitte

Hong Kong

- Helped develop a licensing platform for a major government financial body serving more than 150 registered banks in Hong Kong
- Helped engineer a Neo4j-based graph visualization tool with a Flask backend to map complex shareholder relationships and major holdings
- Created a dockerized RAG application with local LLMs, enabling secure document querying

Intern

Dec. 2022 – Sep. 2023

CUHK-Jockey Club AI for the Future Project

Hong Kong

- Developed and deployed a robust backend service for an educational platform using Flask, PostgreSQL, and NGINX
- Solely developed an interactive Unity module featuring dynamic, AI-generated NPC dialogues

PROJECTS

CUSIS Calendar Exporter | *JavaScript*

July 2025

- Created a Chrome extension that parses CUHK's student portal (CUSIS) to automatically export timetables as iCalendar files.
- Eliminates manual data entry for students, enabling direct integration with calendar applications.

Inselberg | *C#, Unity*

Aug 2022 – Sep 2022

- Developed and published an Android arcade game downloaded by 600+ users
- Optimised graphics and assets to reduce memory consumption and package size by more than 50%

TECHNICAL SKILLS

Languages: Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS

Frameworks: Flask, Vue.js

Developer Tools: Git, Docker, AWS, Bash, Vim, Jira, Nginx