

# Muhammad Usman Bin Mujeeb

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## EDUCATION

### The Chinese University of Hong Kong

*Bachelor of Science in Computer Science*

Hong Kong

CGPA: 3.51

Aug. 2022 – May 2026 (expected)

Honours at Entrance (2022)

### KTH Royal Institute of Technology

*Semester Exchange, School of Electrical Engineering and Computer Science*

Stockholm

Yasumoto International Exchange Scholarship (2024)

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