


# Wan Muhammad Faiz Luqman Bin Wan Azman

🏠 <https://faizluqman.me>    ✉ [faizluqman7@gmail.com](mailto:faizluqman7@gmail.com)    ☎ +447512684799     <https://linkedin.com/in/faizluqman>     <https://github.com/faizluqman7>

## PROFILE

Current second year computer science student with a strong interest in software development and artificial intelligence. Highly enthusiastic and passionate about leveraging computer technologies to solve complex real-world challenges. Currently open to opportunities in software engineering, data science, web development and general technology/IT, as well as insight schemes.

## EDUCATION

### BSC (HONS) COMPUTER SCIENCE, THE UNIVERSITY OF EDINBURGH

SEPT 2022 TO MAY 2026

Relevant Courses: Algorithms and Data Structures, Object-Oriented Programming, Discrete Math and Probability, Linear Algebra, Software Engineering, Data Science, Computer Systems, Functional Programming, Computational Logic

### GCE A-LEVELS, TAYLOR'S COLLEGE

JAN 2020 TO JUNE 2021

Results: **3A\*** in Mathematics, Computer Science, Physics

Recipient of the Taylor's Distinction Award Scholarship and the Top Achiever's Award

## PROJECTS

### Hand Tracking Gesture-Controlled Computer Interface

FEB 2024

Developed a real-time controller system in Python using OpenCV and MediaPipe to interpret live hand gestures captured from the user's webcam. This enabled users to control actions on their computer such as mouse cursor movements and button presses.

*Skills Demonstrated: Python Programming, Machine Learning, Computer Vision, Human-Computer Interaction*

### University Study Companion Web Application

FEB 2024

Study companion web application developed using HTML, CSS and JavaScript, with features such as a study group finder, to-do list and study timers. This was developed as part of the Ada Hack Hackathon 2024 at The University of Edinburgh with 3 other students.

*Skills Demonstrated: HTML, CSS, JavaScript, Git Version Control, Hackathon Experience, Collaborative Software Development*

### Virtual Memory and Cache Simulator

NOV 2023

Developed a comprehensive C program to simulate memory reads and writes to/from caches and the virtual memory subsystems as part of my coursework for the Introduction to Computer Systems course at The University of Edinburgh.

*Skills Demonstrated: C Programming, Low-Level Systems, Linux Proficiency, Pair Programming*

### iOS Health Tracker Mobile Application

NOV 2021

A simple health tracking app developed using Swift, SwiftUI and Apple CoreData that reads and records blood pressure readings.

*Skills Demonstrated: Swift Programming, SwiftUI, UI/UX Design, Persistence Frameworks and Databases*

## EXTRACURRICULAR ACTIVITIES

### MSTC '23 Events and Projects Officer, Young Malaysian Engineers

MAY 2023 TO AUG 2023

Coordinated with potential event venues and food vendors, handling the logistics and ensuring smooth flow for the Malaysian Students' Technology Conference 2023 organized by the Young Malaysian Engineers Student Organization.

### Co-Director of Marketing and Design, Taylor's College Agents of Technology Club

JUNE 2020 TO DEC 2020

Organized, managed and conducted programming workshops and technology events for university students.

### Student Representative, Taylor's College Student-Staff Consultative Committee

JAN 2020 TO JUNE 2021

Gathered feedback about student welfare from peers to be addressed to the college's management.

## SKILLS & KNOWLEDGE

- Languages Spoken: English, Bahasa Melayu (Malay)
- Programming Languages: Python, Java, Haskell, MIPS Assembly, C, Swift, HTML, JavaScript, CSS, Visual Basic
- Libraries: Pandas, Matplotlib, NumPy, Seaborn, Basemap, OpenCV
- Tools and Frameworks: Jupyter Notebooks, REST APIs, SwiftUI, Apple CoreData, Bootstrap, MediaPipe