

## BSc Computer Science (Honours)

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## PERSONAL STATEMENT

Soon to graduate Computer Science student at UA92 with a first-class honours in June 2025. Through coursework and projects, I've gained proficiency in Python, C++, HTML, MySQL, and JavaScript. My internship experience as a developer at Pricewaterhouse Coopers has provided valuable real-world exposure, enhancing my problem-solving, teamwork, and communication skills. I'm eager to apply my knowledge and contribute to your company's success.

## KEY ACHIEVEMENTS

- Achieved 1<sup>st</sup> Class Honours in Bsc (Hons) Computer Science.
- Secured 1<sup>st</sup> place award at UA92 TechFest 2.0 by presenting and showcasing my final-year project on the 6<sup>th</sup> of May 2025.
- Developed a web scraping RAG Chatbot for UA92 as a final-year project using Python, LangChain, and ChromaDB, featuring multilingual support and speech-to-text, with 97% response accuracy.

## ACADEMIC PROJECTS

## Front – End & Back – End Development

- Developed a web-based interface and database system for a primary school utilising HTML, CSS, PHP, and MySQL, and leveraging the XAMPP web server. The implementation of an automated registration system enhanced the efficiency, organisation, and accessibility of information within the record-keeping system.

## Global Intelligent Systems

- Deployed an AI car price prediction app on Streamlit using Python machine learning models, achieving an accuracy rate of 86%.

## Cloud Computing

- The project modernises a recruitment portal by migrating manual workflows to Microsoft 365 Logic Apps, enhancing efficiency, scalability, and security through cloud-based automation and testing.

## Solution Architecture

- Utilising TOGAF, the project modernises the admissions system by implementing a CRM with automated processes, digital storage, and enhanced communication, illustrated through flowcharts, use case, and data flow diagrams.

## EXPERIENCE

May 2024 –  
August 2024

**Developer Intern, Pricewaterhouse Coopers (PwC)**

- Migrated chatbot model from V1 to V2, integrating function merging and LiteLLM framework for improved performance. Enabled seamless model switching and streamlined authentication processes.
- Enhanced legacy software with a team, adding five position fields and updating rotational rules. Conducted Veracode flaw mitigation, raising security compliance from 95% to 100%.
- Proposed mitigation strategies for 26 medium and low-risk flaws, addressing ASP.NET misconfigurations, file name control issues, and phishing risks.
- Performed front-end maintenance with React.JS, improving UI by hiding select buttons to enhance usability and streamline user experience.
- Hosted monthly developer meetings with 40 PwC developers from Malaysia and Vietnam to foster collaboration and share insights.

## EDUCATION

January 2023—  
Current

**BSc Computer Science (Honours), Lancaster University (University Academy 92 Campus)**  
1<sup>st</sup> Class honours with average score 71.71%

Manchester

July 2020 —  
August 2022

**University Of Southampton Malaysia**

Johor

## Foundations In Engineering

Electrical and Electronic Engineering (M Eng. Year 1)

Volunteer as Student Ambassador and actively participate during University Open day

## TECH SKILLS

## HTML

## CSS

## JavaScript

## Python

## C++

## React.js

## PHP

**SOL**

## LANGUAGES

Malay	English (IELTS:C1)
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