



# TAN TZE HONG

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## BACHELOR OF SOFTWARE ENGINEERING (HONOURS)

A dedicated Bachelor of Software Engineering (Honours) student at Tunku Abdul Rahman University of Management and Technology, deeply passionate about technology and equipped with strong proficiency in **C#, Python, and C++**, along with expertise in database management and software design principles, actively seeking opportunities to drive innovation and contribute to the dynamic field of software engineering.

## WORK EXPERIENCE

### Software Engineer | GREATECH TECHNOLOGY BERHAD · Full Time Aug 2024 - Present

- Acquired practical knowledge of **PLC programming** and application, focusing on **Siemens** brand
- Completed a company-led training on **Allen-Bradley (AB) and Siemens PLC systems**.
- Successfully executed a **PLC project** using Siemens controllers for industrial automation.
- Developed a **PC-based application** using C# for enhanced operational efficiency.
- Gained expertise in **WPF (Windows Presentation Foundation)** to create user-friendly desktop App

### Software Engineer Intern | GREATECH TECHNOLOGY BERHAD · Internship Feb 2024 - Aug 2024

- Proficient in **C#.NET** for application development, focusing on robust solutions. (6 month)
- Skilled in **Microsoft SQL Server for database design**, optimization, and manipulation.
- Experienced in **Git for version control**, enabling seamless collaboration.
- Developed practical skills in development, **database management, and version control**.
- Valuable asset to project teams with expertise in **C#.NET, SQL Server, and Git**.

### Machine Programmer | ECA Advanced Solutions Sdn Bhd

May 2022 - Jul 2022

- Proficient in **C# programming language** for designing and programming complex applications. (3 month)
- Skilled in **communicating effectively with machines** for precise task execution.
- Dedicated to continuous learning and staying updated with new technologies.
- Committed to pushing the boundaries of automation and technology in **machine programming**.
- Passionate about contributing to the **advancement of automation** in modern world.

### PLC Programmer Intern | ATEC TECHNOLOGY SDN BHD · Internship

Oct 2021 - Jan 2022

- Experienced PLC programmer with strong communication skills and a deep understanding of **PLC languages**. (4 month)
- Confident in tackling complex projects and providing innovative **automation solutions**.
- Committed to staying updated with industry trends and exploring advanced **PLC concepts**.

## SKILLS

- **Backend Development:** VB.NET, .NET Core, Python, PHP, C#, MySQL, Firebase
- **Frontend Development:** HTML, CSS, JavaScript, Kotlin, Flutter
- **Development Environments:** Visual Studio, Visual Studio Code, PyCharm, Jupyter Notebook
- **Database Management:** MySQL, Firebase

## EXTRA CO-CURRICULAR

- **LDDS The Lights** | Committee - Logistics Department (Nov, 2022)
- **TARUMT x FYP Day x IdeaPesta 2023** (May, 2024)

EDUCATION

Bachelor of Computer Science (Honours) in Software Engineering

Tunku Abdul Rahman University Of Management And Technology

Jul 2022 - Jul 2024

- CGPA : 3.33
- Bachelor of Software Engineering** graduate with expertise in programming languages, development methodologies, and system design principles.
- Proficient in project management, quality assurance, cybersecurity, and artificial intelligence.
- Demonstrated ability to apply theoretical knowledge in real-world projects, adept at problem-solving and contributing effectively in fast-paced software engineering environments.

Diploma in Information Technology

Tunku Abdul Rahman University Of Management And Technology

Jun 2020 - Jun 2022

- CGPA : 3.4017
- Diploma in Information Technology** graduate proficient in C#, Python, and C++, with a strong emphasis on hands-on projects enhancing problem-solving skills and understanding of algorithm design and data structures.
- Experienced in database management, networking principles, and system administration, enabling the creation and maintenance of intricate IT infrastructures.
- Passionate about innovation and well-equipped to pursue diverse career opportunities in the dynamic technology sector, with exposure to emerging technologies like artificial intelligence and machine learning.

SMK Jalan Damai | secondary school

Jan 2015 - Nov 2019

- Achievement : 2A 1A- 2C+ 1C 1D
- Successfully completed **Sijil Pelajaran Malaysia (SPM)**, showcasing dedication and commitment.
- Developed resilience and character through rigorous exam preparation.
- Recognized the SPM experience as instrumental in shaping future opportunities and personal growth.

PROJECT

- Fundraising Website
  - Personal Portfolio Website
  - Fundraising Mobile Application
- Lane Detection And Tracking System(Final Year Project)
  - Natural Language Processing (NLP) On Disneyland Reviews
  - Air Quality Prediction Air Quality Prediction Data

HOBBY

- App Development
- Playing Music
- Photography

LANGUAGE

- ☐ Chinese (Native)
- ☐ English (Advanced)
- ☐ Malay (Intermediate)

REFERENCE

Name : Faezuddin

RelationShip : Supervisor

Email : faezuddin@greatech-group.com

Name : Tham Jun Yuan

RelationShip : Colleague

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