



# Tan Tse Hao

## SOFTWARE DEVELOPER CONSULTANT

Proven quick learner, high performer, and all-rounder with a passion for software and digital technologies.

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Curious by nature with an analytical mindset and a hunger to learn. Motivated to excel and always on the lookout for a better solution. Effective communicator with clients and colleagues alike with a proven track record of receiving consistent positive feedback.

## EXPERIENCE

### Guidewire Software, Malaysia – Software Developer Consultant

NOVEMBER 2021 - PRESENT

- Currently the de-facto technical configuration lead/SME on an implementation project for one of the largest reinsurance companies in the world after developing a broad and in-depth knowledge of a complex Policy Administration System software in <1 year of being assigned and winning the client's trust
- Independently developed complex high-value features and swiftly resolved long-standing high-priority defects while guiding the customer to ensure business requirement alignment, resulting in consistent positive feedback across all project stakeholders over a period of >1 year
- Designed and implemented new integrations with critical downstream/upstream systems using REST APIs, batch processes, and event-driven messaging frameworks
- Executed major codebase refactors to minimise pre-existing technical debt, increasing simplicity of API usage, ease of code maintenance, and code performance
- Mentored client and colleague developers on coding patterns, version control, and product knowledge via peer review and knowledge transfer sessions to ensure the propagation of a healthy and sustainable software engineering culture

### NielsenIQ, Malaysia – Client Service Executive

MARCH 2020 - OCTOBER 2021

- Analysed/visualised retail data at varying levels of granularity to produce insights for clients to understand market trends and grow their categories
- Led the process of scoping client requirements and feasibility of delivery to achieve closure of deals worth ~204k USD in a complex sales environment over the course of less than a year

### UsideU, Tokyo – Data Science Associate (Internship)

OCTOBER 2019 - DECEMBER 2019

- Developed a pipeline in Python for the generation of synthetic faces by blending facial features of selected key target faces using a neural network encoder and Nvidia's StyleGAN architecture for a product feature within 2-3 months

### Monash University Malaysia – Research Assistant

JANUARY 2019 - FEBRUARY 2019

- Constructed a scaled-down model of an intelligent transport system in 2 months
- Programmed line-following robots in C++, a vehicle positioning camera program in Python, and an IoT system for inter-vehicular communication to navigate routes and avoid collisions with each other

## EDUCATION

### Monash University Malaysia, Bachelor of Mechatronics Engineering (Honours)

OCTOBER 2015 - JUNE 2019

GPA/CGPA: 4.0 out of 4.0 | WAM: 88.138

## SKILLS

### Programming

Experienced in:

Java, Gosu, Git, Object-Oriented Programming (OOP) principles, REST APIs

Familiar with:

SQL, Azure Devops, Scrum, Python, C++, C

Learning/Interested in:

Typescript/Javascript, Spring, React, C#, .NET

### Other Soft Skills

Critical thinking, Attention to detail, Team player, Leadership

## CERTIFICATIONS

Oracle Certified Associate, Java SE 8 Programmer (1Z0-808)

## AWARDS

### Debating Career

Uniten Debate Open 2013  
• Champion and Overall Best Speaker

World Schools Debating Championship 2013 Turkey  
• National Representative (Malaysia)

### Academic Awards

Best Graduate Award (Nov 2019)  
• Most outstanding academic performance in Nov 2019 graduation class for Mechatronics Engineering at Monash University Malaysia

## LANGUAGES

### English

• Speaking: Native  
• Reading/Writing: Proficient

### Mandarin

• Speaking: Conversational  
• Reading/Writing: Intermediate

### Malay

• Speaking: Conversational  
• Reading/Writing: Intermediate

### Japanese

• Speaking: Conversational  
• Reading/Writing: Basic