

Tan De Ning, Klement

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE | DOUBLE DEGREE PROGRAMME

Aug 2018 | May 2022

BACHELOR OF COMPUTING, COMPUTER SCIENCE

CAP: 4.21

BACHELOR OF SCIENCE, MAJOR IN APPLIED MATHEMATICS

CAP: 3.94

NATIONAL JUNIOR COLLEGE

GCE 'A' LEVEL | 4 DISTINCTIONS

Mar 2014 | Dec 2015

ACHIEVEMENTS

STARTUP SCHOOL 2019

JUL 2019 | OCT 2019

Completed Startup School online course by Y-Combinator. Startup school is a free online course for founders actively pursuing their own startup.

COMPETITIVE PROGRAMMING

2020 Hashcode | 7417th

2019 Kickstart Round G | 1020th

2019 Kickstart Round F | 1382nd

BEST PLATOON COMMANDER

APR 2017 | FEB 2018

Earned 'Best Platoon' award during the Battalion's Platoon Assessment.

SKILLS

TECHNICAL SKILLS

Java • Ruby on Rails • ReactJS • MySQL • Docker • Google Cloud Platform • CircleCI

SOFT SKILLS

Agile • Leadership

LINKS

Github:// [klementtan](#)

LinkedIn:// [Tan De Ning, Klement](#)

Medium:// [@klementtan](#)

WORK EXPERIENCE

XFERS | SOFTWARE ENGINEERING INTERN

May 2019 - Nov 2019 | Singapore and Indonesia

NUS Overseas College Southeast Asia Programme

API DOCUMENTATION

- Reduced client integration time by 50% by creating an API documentation parser.
- Links: | [API Documentation](#) | [GITHUB](#) | [BLOG POST](#) |
- Tech Stack: Ruby on Rails • ReactJS • Open API Specification

ERROR RESPONSE

- Reduce the time taken to identify bugs by 80% by introducing a scalable API error response framework that incorporates customized error codes
- Tech Stack: Ruby on Rails

DBS BANK | BANK EXECUTIVE

Apr 2018 - Jun 2018 | Singapore

- Engaged in investigation when the bank's system wrongly paid out the clients.
- Tasked to ensure the accurate distribution of dividend and funds up to \$3 billion to DBS Nominees' clients.
- Identified the choke points in the in-house system and provided the permanent staff with a new efficient approach to cope during the peak season. Increased efficiency by 50% by implementing Excel Macros and preparing data beforehand.

PROJECTS

VANTAGE SG - DEVELOPER STUDENT CLUB | TECH LEAD

Jan 2020 - Present | Singapore

- Led a team of 4 software engineers to start "tech for good" project that aims to automate resume writing for individuals in Singapore who do not have access to tertiary education or the relevant resources.
- Responsible for designing the software architecture using MVC and containerisation design pattern, steered the development of the project with agile workflow and mentored team members to step out of their comfort zone and take on new responsibilities.
- Worked closely with business team to understand and satisfy the needs of the end users and stakeholders.
- Website: <https://vantage-sg.com>
- Tech stack: Ruby on Rails • React • MySQL • Docker

TYPE1WHO

Sep 2019 - Present | Singapore

- Worked with a Type-1 diabetic individual to build an online knowledge repository for the Singapore Type-1 Diabetic Community and to promote continuous glucose monitoring.
- Website: <https://type1who.com>
- Tech stack: ReactJS • Instagram API • Blogger API