

Nicholas Yap

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Nationality: Singapore Citizen | Availability: 15 Mar 2021 - 15 Jun 2021

Education

Nanyang Technological University

NTU Renaissance Engineering Program (REP)

- Awarded NTU REP scholarship
- REP is NTU's flagship engineering program, characterised by award of a B. Eng. Sci. and a MSc in Technological Management in 4.5 years

Raffles Institution

Integrated Program

- A levels 88.75/90 RP

Skills

Technical Skills

Proficient In: Javascript, Java, React, Redux, Node.js, Express, MongoDB, Mongoose, HTML5, CSS3, Bootstrap
Familiar With: C, Python, Linux, MSSQL, Firebase

Soft Skills

Self-motivated, Problem solver, Bilingual (English and Chinese), Resourcefulness

Technical Projects

Full Stack E-commerce Website with Admin App | *MERN*

- Features include: Managing admin and users, cart, products, orders, categories & subcategories, JWT authentication/authorization
- 2 React SPAs and Node.js REST API

REST API for Procare Solutions Pte Ltd | *Node.js, Express, Postman, MSSQL*

- Helped company to design an API in preparation for a future public project
- Used Postman for testing of different endpoints

Sudoku Game and Solver | *HTML5, CSS3, React*

- Implemented backtracking algorithm to solve any Sudoku puzzle
- Visualiser for user to understand how algorithm works

Work Experience

Engineering Intern

Jan 2018

Whizpace - Startup that aims to use TV White Space to offer connectivity solutions

- Helped to perform testing for WhizMesh product
- Used Bash and PHP to assist in improving GUI of product

Accounting Intern

Feb – Mar 2018

Sarment Holding Ltd

- Assisted Accounts manager in year-end consolidation of financial statements

NS Experience - 9 Division Infantry Training Specialist

Notable Accomplishments

- Assumed Leader Platoon Sergeant (LPS) role in Specialist Cadet School (SCS) - led a company of 100+ cadets for outfield mission
- Took on the role of spokesperson for Technical Handling station (THT) for my unit during vetting of Camp Steel by 9 Division Chief of Staff (COS), Sergeant Major (SM) of Army and other high-ranking officials. I also created a script to standardize the Method of Instruction (MOI) of my fellow instructors and helped to train them on improving their presentation skills.

Main Responsibilities

- Station IC – was the in-charge for Technical Handling station (Camp Steel) and High Confidence Challenge Course during camps and Basic Instructor Course
- Admin Specialist – worked with a team of specialists, in charge of all the logistics and other administrative matters in conducting camps and activities
- Training Cadre Specialist – Assisted in conduct of camps and courses

Extracurriculars

- Association of Certified Chartered Accountants (ACCA) - completed 8 exams 2019-2020
- Volunteer at East Coast GRC Meet-the-people sessions 2017-2018, 2021
- Member of RI badminton team that won gold in inter-school competitions 2017-2018