Nicholas Yap

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Education

2021 – 2025 **NTU Renaissance Engineering Programme (REP)**
- REP is NTU's flagship engineering program, characterized by award of a B. Eng. Sci. and a MSc in Technological Management in 4.5 years
- Specializing in Computer Science (minor in Math)
- Awarded NTU REP scholarship
- Cumulative GPA 4.8/5.0

2013 – 2018 **Raffles Institution GCE A Levels 88.75 RP**

Skills

Technical Skills: JavaScript, Html, CSS, Python, Java, C, React, Redux, Git, Express, NodeJS, MongoDB, Mongoose, PostgreSQL, MsSQL, Firebase, Bootstrap

Professional Experience

12/2021 – 02/2022 **Software Engineer Intern**
SGInnovate
- Proposed and implemented auto filling of resume details on Talent Programs (PX) and Talent Marketplace forms using Sovren API and NodeJS
- Assisted in UAT with internal users department for release of 2022 Summation and PX runs
- Updated PX and Talent marketplace forms based on user requirements using VueJS, NuxtJS
- Tracking & closing of user issues and coordination with tech team in resolving issues using Jira

03/2021 – 07/2021 **Software Engineer Intern**
Procare Solutions Pte Ltd.
- Led development of NodeJS API for medication refill/partial order web service for HealthHub
- Involved in virtual meetings and liaised with clients on technical specifications.
- Involved in discussions on overall project architecture and designing of database schemas
- Implemented 2-way SSL between API and test client

Projects

04/2021 – 08/2021 **StocksRepo.com** ⧉
www.stocksrepo.com
- Simple and intuitive stock screener for Hong Kong stocks
- Import selected stocks into your portfolio and use a comparison tool to gain further insight
- New finance blog where I post in-depth analysis of investment ideas
- Developed with React, NodeJS, Postgres, Nginx

Courses

ACCA Affiliate Member
- Self-studied and completed 13/13 exams
- ACCA-ISCA Joint Pathway Programme Top Student Award (Paper F5)

Self Learning
- Algorithms Part 1 and 2 by Princeton
- MIT OCW 18.014 (Calculus with Theory)
- MIT OCW 18.7 (Linear Algebra)

Certified IoT Specialist by GICT Training and Certification