

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
- Awarded NTU REP scholarship

Projects

04/2021 – present

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

Professional Experience

03/2021 – 07/2021

Software Developer Intern, *Procare Solutions Pte Ltd.*

- Led development of 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

01/2019 – 02/2019

Product Testing Engineering Intern, *Whizpace Pte Ltd.* [↗](#)

- Testing of WhizMesh product using Bash
- Troubleshooting and resolving bugs on GUI of WhizMesh using PHP

Certificates

ACCA Advanced Diploma in Accounting and Business

- Awarded for completion of first 9 papers (Fundamentals level)
- Self-studied while in NS and completed 12/13 exams to the ACCA qualification
- ACCA-ISCA Joint Pathway Programme Top Student Award (Paper F5)

Algorithms Part 1 & 2 by Princeton

Certified IoT Specialist by GICT Training and Certification

- Attended a 5-day course where I learnt how to use microcontrollers and program in Arduino
- Culminated in a final project in which I created a self-automated plant watering system

Extracurriculars

04/2018 – 08/2021

Meet-the-people sessions @ East Coast GRC

- Assisted grassroots leaders in letter-writing for residents

2013 – 2018

Singles Player of RI Badminton Team

- Won gold for 2 consecutive years in the junior college inter-school competition