

Chi Hui Ng

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EDUCATION

NANYANG TECHNOLOGICAL UNIVERSITY

Double Degree Programme
Bachelor of Business (with
Specialisation in Business
Analytics) and Bachelor of
Engineering (Computer Science)
May 2023 | Singapore, SG
Distinction

NANYANG JUNIOR COLLEGE

GCE A Levels, 5 Distinctions

SKILLS

PROGRAMMING

•Java •Python •R •C •JavaScript
•HTML •CSS •ReactJS •Django •Git
•PowerBI •Tableau •MySQL •NoSQL

CO-CURRICULAR

STUDENT ENTREPRENEURSHIP PROGRAMME | Co-Founder

May 2021 - Aug 2021
Secured \$3000 in funding to work on a sustainable technology startup in food industry.

WELFARE SERVICE CLUB |

Director of Events
Aug 2019 - Aug 2021
Organized large scale charity and bonding events for >1000 members. Secured \$2000 funding from Housing Development Board for implementation of events at 20 Senior Activity Centers.

UNIVERSITY YMCA |

Director of Community Service Programme
Aug 2019 - Aug 2021
Led team of 15 in mentoring of 20 ITE students and prepared marketing materials such as posters, forms, and messages.

INTERNSHIPS

TOKU | Software Engineer Intern

Aug 2021 - Sept 2021 | Singapore, SG

- Design and build backend software of client contact manager for Toku admins to manage their customer information; Utilizing Django to develop the website whilst hosting the database on MySQL server.

ACCREDIFY | Data Analyst Intern

May 2021 - Aug 2021 | Singapore, SG

- Designed product metrics and built data pipelines to create interactive dashboards (PowerBI & Tableau), allowing tracking of internal analytics; reduced time spent on manual data extraction and analysis by 15%. Value added by providing analysis and recommendation into usage analytics.
- Developed API connector to allow data extraction and flow to dashboards for usage and financial reporting.
- Wrote browser and unit tests (i.e., Login, Password Reset) for automated testing of software; reduced manual testing time by 5%. Applied industry Git, Jira and UAT practices during development and deployment phases.

XINCAP GROUP | Venture Analyst Intern

May 2020 - Aug 2020 | Singapore, SG

- Headed and established business partnerships with strategic partners resulting in a 112% increase in MoM sales, 51% increase in basket value.
- Performed Search Engine Marketing by running Ads and A/B testing to track performance and optimise for spend.
- Optimised existing dashboards (i.e., inventory, production, sales) and introduced forecasting models (Excel) for demand planning - to predict stock production and allocation.
- Improved cemani.sg Shopify website by implementing email subscription pop-up, generating up to 10% more leads.

ACADEMIC PROJECTS

SOFTWARE SYSTEMS ANALYSIS & DESIGN PROJECT |

Educational Huf

Aug 2021 - Nov 2021

- Developed a web-based educational game that allows users to create quizzes with multiple gaming levels.
- Responsible for the front-end development of this project; Designed in-game answers and UI interaction components utilising React.js.

ADVANCED SOFTWARE ENGINEERING PROJECT |

GoldFolks

Aug 2021 - Nov 2021

- Developed an all-in-one elderly management application system using Flutter; key features of the app includes ability to set medication reminders, ability to play cognitive games and ability to watch different exercise videos.
- Contributed to the whole software development lifecycle by conducting requirement analysis, planning, designing, developing and testing of the assets.