

FOH CHER ERN DON

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EDUCATION

National University of Singapore (NUS)

Double Degree: Bachelor of Business Administration | Bachelor of Arts

Aug 2019 - May 2023

- Current CAP: 4.58/5.00 (Highest Distinction) | 4.64/5.00 (Highest Distinction)
- Dean's List Sem 2 AY21/22
- Case competitions: SparkTank X 2021 (Semi-Finalist) | SGX NUS Sustainability 2021 | NUS-SGX Stock Pitch Competition | Temasek-NUS Stock Pitch Competition

Norwegian School of Economics (NHH)

Semester Exchange Program

Aug 2022 - Dec 2022

- Courses taken: Decision Modelling in Business, Big Data with Applications to Finance, Applied Textual Data Analytics for Business and Finance, Firm Strategy and Competition

EXPERIENCE

NUS Institute of Operations Research and Analytics

Research Assistant

Apr 2022 – Dec 2022

- Developed a customer complaint textual classification algorithm for ResMed to automate customer service
- Utilised NLP and ML techniques to develop a math word problem classifier with over 97% accuracy
- Designed, developed, and deployed an app with Flask backend for machine learning REST API, React for frontend with Material UI styling, and Heroku for end users to easily use the classification algorithm
- Explored various deep learning techniques for NLP, such as OpenAI GPT-3 and transfer learning

SUPESU (Shanghai, Remote)

Software Engineer Consultant

Aug 2022 – Oct 2022

- Advised company founders on how to implement features for Shopify app
- Worked with vendors on Shopify app development

Full Stack Developer Intern

Dec 2021 - Aug 2022

- Leveraged machine learning to determine personalized sizing recommendations for customers
- Designed and developed REST API with authorization for protected endpoints and pagination
- Conducted data modelling and created ERDs to design MongoDB database
- Integrated app with Shopify GraphQL and REST API
- Wrote extensive documentation for all code

NTUC LearningHub

Data Analyst Intern

May 2022 - Jul 2022

- Liaised with finance and operations departments to understand their business needs and design and develop Tableau dashboards
- Migrated database from MS SQL to Amazon Redshift and performed data validation to ensure data tallies between source database and target database

CO-CURRICULAR ACTIVITIES

NUS Business Analytics Consulting Team

Vice President (Internal)

Jul 2021 - May 2023

- Designed business analytics and machine learning Python assessments for member recruitment, recruiting a total of 50 analysts out of over 100 applicants
- Planned syllabus for junior analysts' training sessions

SKILLS

Programming: Python, R, JavaScript, HTML/CSS, SQL/NoSQL, MERN stack, GraphQL

Technical Skills: Data Analysis, Data Visualization, Web Scraping, Web Development, NLP

Tools and Platforms: MongoDB, PostgreSQL, IBM SPSS, Microsoft Excel (Pivot Tables, VLOOKUP)

Languages: English (native), Malay (proficient), Mandarin (conversant)