

# FOH CHER ERN DON

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## EDUCATION

### National University of Singapore (NUS)

Singapore

*Double Degree: Bachelor of Business Administration | Bachelor of Arts*

Aug 2019 - May 2023

- Current CAP: 4.58/5.00 (*First Class Honours*) | 4.64/5.00 (*First Class Honours*)
- 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

## EXPERIENCE

### NTUC LearningHub

Singapore

*Data Analyst Intern*

May 2022 - Present

- Liaise with various departments to understand their business needs and design and develop Tableau dashboards
- Perform data validation to ensure data format is compatible with Python scripts

### NUS Institute of Operations Research and Analytics

Singapore

*Research Assistant*

Apr 2022 - Present

- 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)

*Full Stack Developer Intern*

Dec 2021 - Present

- Leveraged machine learning to determine 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
- Designed and developed responsive and complex frontend, featuring multiple fully editable, linked data-grids that update depending on state of other grids
- Integrated app with Shopify GraphQL and REST API
- Wrote extensive documentation for all code

## CO-CURRICULAR ACTIVITIES

### NUS Business Analytics Consulting Team

Singapore

*Vice President (Internal)*

Jul 2021 - Present

- Designed Business Analytics and machine learning Python assessments for member recruitment
- Planned syllabus for Junior Analysts' training sessions

### NUS Business Club

Singapore

*Logistics Head - NUS Business Camp*

Oct 2019 - Sep 2020

- Headed a committee of 9 to prepare logistics for the faculty camp with over 400 participants
- Conducted in-depth cost-benefit analysis through use of Excel functions to optimize budget allocation

## SKILLS

**Languages/Frameworks:** Python, R, JavaScript, HTML/CSS, SQL/NoSQL, React, NodeJS, Express, Koa, GraphQL

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

**Design Skills:** Adobe XD, Adobe Photoshop, Wireframing, Prototyping

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