

# YEO FU KAI MARCUS

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## EDUCATION

IMDA SG Digital Young Leader Program

May 2023 - Present

National University of Singapore (NUS) | NUS Overseas Colleges (NOC) | Scholar  
Bachelor of Science in Data Science & Analytics (Honours) & Minor in Computer Science

Aug 2022 - Present

- Vice-Director at NUS Statistics & Data Science Society and leading a team of 15 members
- Partnerships Executive of NUS Product Club comprising 25 members
- Head of Residential College 4 (RC4) Floorball with over 80 active members
- Member of the College Student Committee of RC4 that oversees the welfare of over 600 residents

## EXPERIENCES

Shopee

Singapore

Data Analyst (Intern) | Regional Business Intelligence & Planning Team, CEO Office

Aug 2023 - Dec 2023

- Collaborated with regional stakeholders to build budget pipelines for Shopee Express & Services by Shopee
- Enhanced performance by optimising existing SQL queries, resulting in a 50% reduction in overall runtime
- Utilised PySpark to conduct time-series analysis, pinpoint stabilisation points to enhance the accuracy of net order forecasting for Shopee Marketplace.

Jumpstart Disruptive Innovations (JDI)

Ho Chi Minh City, Vietnam

Summer Analyst | LaunchJDI Team

May 2022 - Aug 2023

- Conducted in-depth market research efforts to gain a comprehensive understanding of client products to craft tailored go-to-market strategies for EdTech startups expanding into Vietnam
- Optimised lead generation and conversion using Apollo.io, LinkedIn Sales Navigator and Zoho CRM

Vertex Holdings (Subsidiary of Temasek Holdings)

Singapore

Software Developer & Data Scientist (Intern) | Partnerships Team

Aug 2022 - Jan 2023

- Curated a web scraper with BeautifulSoup and Selenium for tracking founders' profiles for deal-sourcing
- Implemented an API integration on Storyblok to streamline data processing for the business development team
- Utilised Neo4j graph database and Py2neo for feature engineering in evaluating potential startups
- Implemented unit tests using Django and Codecov to improve the overall test coverage for a web application

Home Team Science and Technology Agency (HTX)

Singapore

Data Scientist (Intern) | Cognitive Analytics Team

Nov 2021 - March 2022

- Analysed survey feedback from all 14 Ministry of Home Affairs departments through the use of Latent Dirichlet Allocation (LDA) topic modeling and created a model to classify textual responses with an 80% accuracy
- Conducted R&D on Automatic Text Summarization and drafted a report evaluating the multi-document summarization scene and various state-of-the-art models such as BART and BERT

## ACHIEVEMENTS & PROJECTS

iNTUition v8.0 Hackathon (By Nanyang Technological University) - Overall Champions

Feb 2022

- Utilized business development, market research, and go-to-market strategies to design and pitch a mobile application for efficient clinical appointment scheduling, outperformed over 600 students in Southeast Asia

TCS Sustainathon Singapore (By Tata Consultancy Services) - 3rd Place

Jan 2022

- Designed and presented a mobile application for equitable upskilling and showcased it to President Madam Halimah Yacob, outperformed over 60 undergraduates in Singapore as a pre-university student

## TECHNICAL SKILLS

Programming Languages: Python | SQL | R | HTML | CSS | Javascript | Cypher

Frameworks/Libraries: NumPy | Pandas | Seaborn | Scikit-Learn | Tensorflow | Keras | Bootstrap | Spark | Hadoop

Technologies: Git | Neo4j | PostgreSQL | MySQL | Streamlit

Others: Tableau | Figma | Canva | Vensim | Microsoft Office | Google Suite | Zoho Suite