Ng Tze Kean
Student

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Work Experience

🔗 Data Analytics Intern (Jun 2023 – Dec 2023)
Company: ADDX Private Ltd | Supervisor: Yogesh [Data team lead]
- Building of data and feature marts (Snowflake SQL)
- Data visualisation (Power BI) for internal departments and Key Management
- Machine modelling on predictive analytics to drive revenue (Supervised, Unsupervised)

🔗 Finance Intern (May 2023 – Jun 2023)
Company: Wiz.AI Private Ltd | Supervisor: Andy Teo [Finance director]
- Preparations of key account statements (Balance sheet, Profit & loss)
- Tableau (Prep and Cloud) data pipeline and visualisation

🔗 NTU Undergraduate Research (May 2022 – Jun 2023)
Company: NTU | Supervisor: Professor Lam Siew Kei
- Research project: *Improving Localization Robustness of ORB-SLAM with Dual Cameras*
- Embedded system (Nvidia Jetson Nano), GStreamer, ROS, ORB-SLAM, OpenCV

Data Analytics Intern [Sustainability] (May 2022 – Aug 2022)
Company: REANGLE Private Ltd. | Supervisor: Kazu Watanabe [CEO, Founder]
- Conceptualized green finance business model through data analytics
- Developed targeted green strategies for sectors and executed digital marketing strategies
- Formulated actionable tactics to promote green businesses
- Promoted sustainable growth in alignment with SG goals through good ESG practices

Engagement & Strategy Intern (Nov 2020 – Feb 2021)
Company: Ministry of Health | Supervisor: Chan Weng Chee [Senior Assistant Director]
- Administration of online telemedicine E-training
- Supported HCSA team for replacement of PHMCA with HCSA

Platoon Commander (2019 – 2020)
Company: Singapore Armed Forces
- Officer Cadet School (Logistics Formation) 115/19 - Top Graduate, Sword of Honour
- Developed Business Continuity Plan along with Platoon Warrant Officer and KAH
- Lead for innovation and digitalization to boost workflow. (E-Parade State)

Education

Nanyang Technological University (Aug 2021- May 2025)

Degree: Computer Science | **Current GPA:** 4.90 (First Class Honour)

Awards:
- Tan Sri Runme Shaw Scholarship 2023
- Ng Bok Eng Scholarship 2023
- NTU President Scholar (Merit)
- Dean's list all years applicable
- TikTok Hackathon Challenge 2023, Finalist
- SUTD Hackathon 2023, Champion
- NTU Bike Rally 2021 100km, 1st runner up

CCA:
- SCSE Outreach Ambassador 2021-2024
- NTU GEM Ambassador 2024
- College of Engineering Student Ambassador 2021-2024
- College of Engineering Student Unibuddy 2022-2024
- EXCO (Technical Director), NTU-Dyson ambassador 2021-2022
- EXCO (Logistics head), NTU Aikido 2021-2022

Activities organized:
- Core planning team & Emcee, NTU Info Session (SCSE) 2022, 2023
- IC, NTU Computing Challenge (SCSE) 2022, 2023
- 2IC & Moderator, NTU Open house (SCSE) 2022, 2023
- Panelist, NTU Giving Day Sharing 2023
- Subcommittee, NTU SCSE TOP Tech committee 2023
- Technical Director, NTU James Dyson Innovation Festival 2022
- Student ambassador, NTU Discover Engineering (SCSE) 2021

Activities/Courses participated:
- Contribution to Abbott's diabetes management 2023
- NTU Best Foot Forward Fund Raising 2023
- NTU URECA (Edge Computing) 2022
- Participant, DSTA Brainhack 2021

Internship
- ADDX P.L, 2023 (Data analytics)
- Wiz.AI P.L, 2023 (Finance)
- REANGLE P.L., 2022 (Data analytics)

Exchange Universities:
- National University Singapore
- Tsinghua University (C9)
- University Michigan - Shanghai Jiao Tong joint Institute (C9)

Major Achievements

- Appointed and represented NTU in various events
- ICH Bursary 2023 recipient (Interviewed by Nigel Toe and Koon Yu)
- Gathered over 48 donors and raised 1.49k for NTU Bursary fund raising
- SAF Sword of Honour 2019 Logistics formation
- 2nd runner up in Singapore's Cycling Criterium Competition in 2016
- Multiple Edusave and EAGLEs awards for outstanding consistent academic and CCA performance

Qualities

- Leadership (MBTI: ENTJ)
- Full Stack programmer
- Data Analytics, Financial Analysis and AI Modelling
- Programming language (Python, C, Java, C++, JS, SQL)
- Development of applications in different OS (Windows, MacOS, Linux)

Hobbies

- Martial arts (Black belt in Aikido, Red belt in taekwondo)
- Sports (Top 3 in national cycling competition)
- Triathlon