Yuan Tianyi

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SUMMARY

NUS Business Analytics sophomore seeking an internship to apply data analysis skills in solving business challenges. Passionate about leveraging data-driven insights for sustainability and innovation. Adaptable and action-oriented, I thrive in dynamic, collaborative environments. Eager to explore new frontiers in data and machine learning.

Skills

Programming: Python, Java, JavaScript, SQL, HTML, CSS
Data Analysis and Visualisation: R (RStudio), Tableau, ERD, Econometrics, Computer Vision
Machine Learning: Scikit-learn, Pandas, NumPy, Seaborn, PyTorch, OpenCV, Deep Learning
Software Development: Next.js, React, Spring Boot, Tailwind, Bootstrap, TypeScript/JSX, Vue.js
Office Productivity: Microsoft Office Suite (Excel, Word, PowerPoint), Project Management Software

WORK EXPERIENCE

Laconic Technology Co., Ltd, Bangkok, Thailand
R&D Software Developer and Data Mining Specialist Intern   May 2024 - Aug 2024
- Ideated and implemented 5+ product features for Payni.io, a cryptocurrency platform supporting both crypto and fiat transactions.
- Enhanced user experience by collaborating on the UI/UX designs and refine new interfaces
- Developed website features using React.js and Next.js for front-end and integrating Spring Boot for backend operations.

Building and Construction Authority, Singapore
Environment and Sustainability Executive   Dec 2022 - Aug 2023
- Cleaned, compiled, and managed datasets for over 600 Green Mark-certified buildings
- Reconnected with over 200 Building Owners to update building data and follow-up to encourage recertification of expired GM Certificates.

EDUCATION

National University of Singapore, Singapore
Bachelor of Science (Honours), Business Analytics   Aug 2023 – Jun 2027 (Expected)
- School of Computing, Machine Learning-based Analytics Specialisation
- NOC Thailand AY23/24 Special Term Intake
- Relevant Coursework: Object Oriented Programming, Data Structures and Algorithms, Business Analytics, Data Management and Visualisation, Econometrics Modelling, Probability and Statistics, Linear Algebra, Calculus, Feature Engineering, Data Mining
- Operations Executive for NUS Entrepreneurship Society – collaborated with the NES CatalystX team to plan the CATALYSTxAI startathon
- Volunteer at Banphamaisapanlao School, Thongphaphum, Kanchanaburi, Thailand – Collaborated with a volunteering team from Taiwan to organise games and teach dances to children
- School Contributions: NUS Computing Club Welfare Committee, NUS Social Impact Catalyst

Hwa Chong Institution, Singapore
Singapore-Cambridge GCE A-Level   Jan 2015 – Dec 2020
- H2 Physics (A), H2 Economics (A), H2 Mathematics (A), H2 China Studies in Chinese (B), H1 General Paper (C), H1 Project Work (A), and O-Level Higher Chinese (A).
- Awarded Edusave Scholarship for Independent Schools and Bicultural Studies Programme Scholarship
- Teaching Volunteer, Xiasi, China – Taught engaging English lessons for underprivileged students
- Youth Leader Experiential Programme (YLEP) – Participated in Meet-the-People sessions, grassroot projects and led a team of volunteers to conduct peer tutoring sessions at Kent Ridge Secondary School
- Project Director, Outdoor Education Forum – Led an inter-school event promoting the outdoors