Lin Jacky

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EDUCATION

NANYANG TECHNOLOGICAL UNIVERSITY   Singapore, Singapore
Bachelor of Science in Data Science and Artificial Intelligence   August 2020 – May 2024
- Expected completion: May 2024. (2nd Class (Upper) Honours)
- Pursuing a Minor in Business.
- Relevant Coursework: Introduction to Data Science, Neural Network & Deep Learning, Data Analytics & Mining, Data Structures & Algorithms, Algorithm Design & Analysis, Object Oriented Design & Programming (OOP), Software Engineering, Introduction to Databases, Calculus, Statistics, Discrete Mathematics, Linear Algebra.

SOUTH SAN FRANCISCO HIGH SCHOOL   San Francisco, CA
High School Diploma   January 2016 – May 2017
- Graduated with Honours. CGPA: 4.0/4.0
- Volunteered at San Francisco-Marin Food Bank.

EXPERIENCE

GOVERNMENT TECHNOLOGY AGENCY (GOVTECH)   Singapore, Singapore
AI Engineer / Engagement Management Intern   May 2022 – July 2022
- Created data visualisation charts in Excel and Tableau for business analytics use, providing insights on current use cases and allowing the team to identify and target potential clients.
- Spearheaded the trial sessions for an AI product that will be onboarded into our system, targeting potential clients that might be interested in it.
- Designed POC for clients' use cases and benchmarked alternative products to determine their effectiveness.
- Participated in pre-sales activities, including scoping, discovery, and product demonstrations.

AIMAZING   Singapore, Singapore
Data Operations Intern   May 2021 – July 2021
- Successfully implemented data cleaning techniques using Python and regular expressions to improve the integrity of the backend data.
- Utilized a combination of Python, SQL, and API integration to efficiently automate multiple pipelines, resulting in a significant increase in workflow productivity, saving hours of time.
- Broadcasted marketing campaigns automatically with Python and Selenium, improving AImazing's cashback system, a core service of the company.

SINGAPORE ARMED FORCES   Singapore, Singapore
Artillery Officer   August 2017 – August 2019
- Collaborated effectively with co-workers and external units to develop and execute lesson plans and activities.
- Coordinated and organized the responsibilities of my unit, resulting in a more efficient workflow.

CO-CURRICULAR ACTIVITIES

IEEE CLUB   Singapore, Singapore
Tech Director   August 2021 – May 2022
- Organized technical workshops and the iNTUition hackathon, which was one of the largest student-run hackathons in Southeast Asia.
- Led a team of 16 technology officers, who expertly organized multiple workshops and implemented a range of impactful projects.
- Coordinated with the business team to engage with external tech companies.

TRACK & FIELD, HALL OF RESIDENCE 14   Singapore, Singapore
Captain   August 2020 – May 2021
- Served as the captain of the track and field team and hosted weekly resilience training.

SKILLS

Languages: English, Mandarin, Cantonese.
Programming Languages: Python (Scikit-Learn, PyTorch, TensorFlow, NumPy, Pandas, Matplotlib, Seaborn), SQL (PostgreSQL), R, Java, HTML, CSS, JavaScript, C, C++.
Tools: Microsoft Office (Word, Excel, PowerPoint), Visual Studio Code, Tableau.
Frameworks/Others: Data Science Pipeline (Cleansing, Wrangling, Visualisation, Modelling, Interpretation), Machine Learning, Bootstrap, Git.
Soft Skills: Self-motivation, Detail-oriented, Leadership, Communication, Problem-solving.