Advait Bharat Deshpande

+65 8268 1947 | advait.deshpande@live.com | linkedin.com/in/advaittt | advaitdeshpande.com

EDUCATION

Nanyang Technological University   Aug. 2021 – May 2025
Double Degree: BEng (Computer Science), BBus (Business Analytics), CGPA: 4.58   *Singapore*
- Awards: NTU College Scholarship (Bond-Free), Dean's List AY21/22 (Top 5% of Cohort)
- Relevant Coursework: Neural Networks and Deep Learning, Data Science and Artificial Intelligence

University of Waterloo (NTU GEM Exchange Program)   Jan. 2024 – May 2024
Relevant Coursework: Machine Learning, Distributed Systems, Advanced Software Engineering   *Canada*

LEADERSHIP & CO-CURRICULAR ACTIVITIES

International Case Team   Aug 2021 – May 2023
Business Solutions Case Club
- Actively represent NTU in overseas case competitions
- Champions – Heavener International Case Competition 2024, 1st Runner Up – UOB-SMU AEI Avente Consulting x EO Singapore 2022, 1st Runner Up - ETHSingapore 2023: Polygon Track, 2nd Runner Up – Singapore Blockchain Innovation Challenge 2022

EXPERIENCE

Software Engineering Intern   May 2023 – Aug 2023
Altonomy   *Singapore*
- Improved investment product experience by building and testing new interface using Typescript, MaterialUI, GraphQL and Web3js
- Enhanced Product Analytics on Toxic Orderflow and Competition among Liquidity Providers on our platform by aggregating and computing data from various Market Data APIs using Python, Solidity, GraphQL, Seaborn
- Supported Technical Research into cutting-edge industry developments by experimenting and testing new technologies and presented to Company Leadership

Technical Product Intern   May 2022 – Aug 2022
Treehouse Analytics   *Singapore*
- Boosted daily product ops efficiency by 50% by developing internal SlackBot to alert team about critical User Interactions using HTML, CSS, Slack API, Python
- Worked on new framework for data classification, achieving over 99% accuracy in aggregating user positions using YAML, Python, MongoDB, Etherscan
- Implemented a utility to fetch, process specific events from Blockchain Nodes using Web3.py, Python, MongoDB

Co-Founder & Tech-Lead   Apr 2020 – Apr 2022
Hey, You Got Mail! (Recipient of Temasek Grant)   *Singapore*
- Founded Non-Profit Initiative recognised by the National Volunteering and Philanthropic Centre of Singapore
- Developed organisation website on WordPress/Elementor, handling over 200 impressions per day
- Boosted efficiency by 80% by automating Claims Processes, Volunteer On-boarding and Certificate Issuance

PROJECTS

PedalPals | *Full-Stack / Mobile | React Native, Flask, MongoDB*   Link
- Cross-Platform app to help cyclists find like-minded individuals and engage in a gamified cycling experience

Text Emotion Recognition | *Neural Networks and Deep Learning | PyTorch, Tensorflow*   Link
- Reviewed existing methods (LSTMs, RNNs, etc.) and proposed new technique combining BERT and CNN

MyntApp | *Full-Stack / Blockchain | NextJS, Typescript, Firebase, Telegram API, Solana* Link
- To help the less tech-savvy digitally onboard with modern events through a chatbot, currently serving 100 users
- Features seamless QR Code Ticket Redemption and in-app wallet for easy money management

SKILLS

Skills: Product Management, Business Strategy, Presentation, Full Stack Development, Data Science
Programming Languages: Python, Typescript, SQL, R, Java, C++
Frameworks, Technologies: ReactJS, Express.js, Node.js, MongoDB, Firebase, GraphQL, PostgreSQL, Docker, GCP
Interests: Sports (Football, Frisbee, Formula 1), Video Editing, Coffee, Spiderman