

Joseph Low

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Education

Singapore University of Technology and Design	May 2020 – May 2025
M.Sc in Technology Entrepreneurship, B.Sc in Design and Artificial Intelligence (DAI)	GPA: 4.69/5
• Pioneer batch of DAI, a CS/HCI interdisciplinary programme; Awarded honours list as top 10% in the cohort	
• STEP scholar, a fully-funded integrated masters; Conducted ethnographic research on a community for master's thesis	
• Coursework: Machine Learning, Applied Deep Learning, Computational Data Science, HCI and AI	
National University of Singapore (Exchange)	Aug 2022 – Jul 2023
• Selected for a 1-year entrepreneurship program under NUS Overseas Colleges working with a startup in New York	
• Coursework: New Venture Creation, Start-up Case Study & Analysis	
Aalto University (Exchange)	Aug 2023 – Dec 2023
• Coursework: Cryptography, Translational Engineering, Digital Business Management,	

Work Experience

Research Engineer Metagov	Aug 2024 – Present
• Achieved 20K+ users at launch of the <u>Public AI Inference Utility</u> ; Orchestrated deployment of multiple replicas of a 70B model on vLLM; Managed k8s clusters of Open WebUI and LiteLLM; Became an official Hugging Face inference provider	
• Raised funds for and launched the <u>DAOstar</u> research fellowship; Organized DAO Asia Summit at Devcon 2024	
Smart Contract Architect Treehouse Finance	Apr 2024 – Jul 2024
• Architected a liquid restaking protocol and on-chain interest rate oracle achieving close to \$100M TVL at launch	
Data Engineer Headquarters	Aug 2023 – Jan 2024
• Built analytics dashboards in Quicksight and PostgreSQL replica infrastructure, increasing user acquisition by 70%	
Blockchain Engineer Genesis Block	Aug 2022 – Jul 2023
• Developed the first decentralized exchange on Polymesh blockchain using Rust/Ink! and React/TypeScript	
Technical Product Manager Treehouse Finance	Aug 2021 – Jul 2022
• Architected data pipeline for DeFi historical PnL with Python/MongoDB tooling, improving support time by 200%	
Scrum Master TAIGER	May 2021 – Jul 2021
• Led agile workshops and remote collaboration setup during COVID-19, improving developer velocity by 60%	
User Experience Designer Outside	Oct 2020 – Mar 2021
• Executed complete UI/UX design overhaul using Figma, resulting in 400% increase in app downloads	
Service Design Consultant KPMG Digital Village	Jan 2020 – Mar 2020
• Conducted user research and prototyping leading to comprehensive legal sector workflow revamp	

Projects

Complain.sg:	Aug 2025 – Sep 2025
• A platform to “complain better” facilitated by AI agents; FastAPI/Pocketflow backend, Vite/React frontend	
Public AI in Singapore: Towards a Singapore AI-Lines	Jan 2025 – Jun 2025
• Authored a comprehensive research report analyzing Singapore’s public AI infrastructure and governance landscape	
Measuring unconscious spatial preferences to improve design workflows in architecture	Sep 2024 – Dec 2024
• Using CNNs to predict perception of 3D objects based on EEG and eye-tracking data	

Others

Founding President

2020 – 2025

Changi Coffee Corner

- Founded a student interest group that brings the student community closer over the medium of coffee
- Conducted educational workshops to understand the science behind a simple cup of coffee

Co-Founder

2017 – 2022

Scaled Singapore

- Established a venture repairing equipment from defunct cafes
- Sold coffee paraphernalia on an e-commerce platform and conducted coffee workshops
- Generated 5-figures worth of sales to date

Hackathons

- 1st place JunctionX Asia – Reducing food waste using computer vision (Jun 2020)
- 1st place HackHarvard – Personal data analytics platform (Oct 2022)
- 1st place HackRPI – Hyperlocal social app for rocket launches (Nov 2022)
- 1st place ETHDenver – Directing DeFi yields for funding public goods (Mar 2023)
- 1st place COH – Directing contract secured revenue for public goods (May 2023)

Hobbies

- Migrated from QWERTY to Colemak Mod-DH keyboard layout at up to 170 words per minute (2021)
- Won a beer mile (Mikkeller Running Club Helsinki) (Sep 2023)
- Won a coffee competition (Finnish Moccamaster Championships 2023) (Oct 2023)
- Completed Buff Forest Force Run 50KM (Sep 2024)
- Completed Lucky 88.88KM Ultra Marathon (Feb 2025)
- Completed Vietnam Ultra Marathon 75KM (Mar 2025)

Last Updated on Sep 27, 2025