

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 [Public AI Inference Utility](#) ; 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 [DAOstar](#) 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