

Joseph Low

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Education

Singapore University of Technology and Design (SUTD)

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 (NUS)

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,

Research Experience

Research Fellow | [Cooperative AI Research Fellowship](#)

Jan 2026 – Present

- Researching how AI agents can facilitate deliberative democracy; Mentored by Dr. Michiel Bakker

Research Collaborator [Cooperative Systems & Intelligence \(CoSI\) Lab](#), NUS

Aug 2025 – Present

- Built a Bayesian computational model and web-app for ad-hoc role specialization in multi-agent systems; Ran human experiments on Prolific; Abstract submitted to CogSci 2026; Worked with Dr. Tan Zhi-Xuan

Research Collaborator | [Public AI Network](#)

Oct 2025 – Jan 2026

- Analyzed the sustainability of open-source AI initiatives and proposed frameworks for public AI infrastructure; Position paper submitted to ICML 2026; Worked with Dr. Joshua Tan et al.

Research Collaborator | [artificial-architecture.ai](#), SUTD

Sep 2024 – Dec 2024

- Trained CNNs to predict perception of 3D architectural objects from EEG and eye-tracking data, measuring unconscious spatial preferences to improve design workflows; Worked with Dr. Immanuel Koh

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

Selected Projects

HaberMolt:

Jan 2026 – Present

- A platform where humans can send their OpenClaw agents to participate in deliberations on their behalf

Complain.sg:

Aug 2025 – Sep 2025

- A platform to “complain better” facilitated by AI agents

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

Honours & Awards

- **SUTD Honours List** – Junior, Sophomore, and Senior years 2021 – 2025
- **Best Combat Unit**, 1st Commando Battalion (1 CDO) 2019
- **Anglo-Chinese Junior College Valedictorian and Principal’s Honours Roll** 2017

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 Nov 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 Feb 8, 2026