

# Joseph Low

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## Education

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<b>Singapore University of Technology and Design (SUTD)</b>	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	
<b>National University of Singapore (NUS)</b>	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	
<b>Aalto University (Exchange)</b>	Aug 2023 – Dec 2023
• Coursework: Cryptography, Translational Engineering, Digital Business Management,	

## Research Experience

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<b>Research Fellow   Cooperative AI Research Fellowship</b>	Jan 2026 – Present
• Researching how AI agents can facilitate deliberative democracy; Mentored by Dr. Michiel Bakker	
<b>Research Collaborator Cooperative Systems &amp; Intelligence (CoSI) Lab, NUS</b>	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	
<b>Research Collaborator   Public AI Network</b>	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.	
<b>Research Collaborator   <u>artificial-architecture.ai</u>, SUTD</b>	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

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<b>Research Engineer   Metagov</b>	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	
<b>Smart Contract Architect   Treehouse Finance</b>	Apr 2024 – Jul 2024
• Architected a liquid restaking protocol and on-chain interest rate oracle achieving close to \$100M TVL at launch	
<b>Data Engineer   Headquarters</b>	Aug 2023 – Jan 2024
• Built analytics dashboards in Quicksight and PostgreSQL replica infrastructure, increasing user acquisition by 70%	
<b>Blockchain Engineer   Genesis Block</b>	Aug 2022 – Jul 2023
• Developed the first decentralized exchange on Polymesh blockchain using Rust/Ink! and React/TypeScript	
<b>Technical Product Manager   Treehouse Finance</b>	Aug 2021 – Jul 2022
• Architected data pipeline for DeFi historical PnL with Python/MongoDB tooling, improving support time by 200%	
<b>Scrum Master   TAIGER</b>	May 2021 – Jul 2021
• Led agile workshops and remote collaboration setup during COVID-19, improving developer velocity by 60%	
<b>User Experience Designer   Outside</b>	Oct 2020 – Mar 2021
• Executed complete UI/UX design overhaul using Figma, resulting in 400% increase in app downloads	
<b>Service Design Consultant   KPMG Digital Village</b>	Jan 2020 – Mar 2020
• Conducted user research and prototyping leading to comprehensive legal sector workflow revamp	

# Selected Projects

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## 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

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- **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

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## **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
- 1st place HackHarvard – Personal data analytics platform
- 1st place HackRPI – Hyperlocal social app for rocket launches
- 1st place ETHDenver – Directing DeFi yields for funding public goods
- 1st place COH – Directing contract secured revenue for public goods

Jun 2020

Oct 2022

Nov 2022

Mar 2023

May 2023

## **Hobbies**

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

Nov 2021

Sep 2023

Oct 2023

Sep 2024

Feb 2025

Mar 2025

Last Updated on Feb 8, 2026