

(Hans) ONG You Yang

Nationality: Singaporean

Mobile: +65 9868 9019

Languages: English,
Mandarin Chinese

[linkedin.com/in/thehansong](https://www.linkedin.com/in/thehansong)

github.com/thehansong

thehansong.com

thehansong@gmail.com

EDUCATION

Singapore Institute of Technology & DigiPen Institute of Technology

Bachelor of Science (Hons.) in Computer Science in Real-Time Interactive Simulation (RTIS)

Aug 2022 — Apr 2026

Singapore & Redmond, WA

WORK EXPERIENCE

Uber Technologies, Inc.

AI Solutions Engineer

Oct 2025 — Present

Singapore (Remote)

- Delivered technical consulting to enterprise clients (**Shopee**, **PETRONAS**, and **Trip.com Group**), by partnering with Pre-Sales, Solutions Engineers and Customer Success Managers to design, demo, and deliver AI Ads **proof of concept (POCs)** across JAPAC, supporting **3 enterprise accounts** at **~USD\$2–3M+** deal valuation across **Q4, 2025** to **Q1 2026**.
- Led AI Ads success metric definition, achieving **~5–10%** CTR uplift, **~3–7%** conversion improvement, and **~20–30%** reduction in campaign and creative iteration costs via Uber's proprietary AI Ads.

GovTech Singapore

Sep 2025 — Present

AI Engineer Intern

Singapore

- Led and delivered **30+** technical demos, proof of concepts (POCs), and solution walkthroughs at public sector engagements to **50+** government agencies and industry partners, helping technical and non-technical stakeholders evaluate and adopt **Oobee**, **Oobee Web**, and Oobee AI for automated accessibility triage and compliance in their workflows.
- Spearheaded the system design and development of Oobee AI, an AI-powered accessibility assistant that interprets Oobee Reports and generates production-ready accessible solutions using Python and **Microsoft Azure AI Foundry**, leveraging NLP, fine-tuning with RAG (LangChain, LangSmith, Pinecone) and quality validation via automated evals pipelines.
- Oobee AI increased WCAG compliance across Singapore government websites by **~15%**, reducing manual interpretation effort by **~50–60%**, and saving **~10,000+** public-officer hours, with estimated cost savings of **~USD\$2M+** over **Q4 2025**.

GovTech Singapore

May 2025 — Sep 2025

Software Engineer Intern

Singapore

- Supported the end-to-end full-stack and AI development of **Oobee Web**, an open-source web accessibility scanning platform that automates WCAG compliance checks for software teams, adopted by **98** government agencies to scan **800K+** pages and identify **11M+** accessibility barriers as of **Q3, 2025** using React, Node.js, TypeScript, JavaScript, REST APIs, WebSockets, AWS (EC2, S3, ECS, SQS, ECR, RDS, CloudFront), Terraform, Cloudflare, Amplitude, Hugging Face, Ollama, Pinecone etc.

Stealth Startup

Jan 2025 — Apr 2025

Member of Technical Staff Intern

San Francisco, CA

- Signed NDA. A Fintech startup optimizing low-latency payment networks for NASDAQ & NYSE, using C++, Go, Spring Boot, Kafka, and Redis.

[in](#) View complete work history 

PROJECTS

NeuroTune | Unity, C#, AI, Machine Learning, HCI

[Steam](#) | [Research Paper](#) | [GitHub](#) | [Demo](#)

- Pitched and demoed NeuroTune's **proof of concept (POC)**, an AI-powered FPS aim trainer built in Unity (C#) to Statespace (creators of **AimLabs**) founders in Seattle, WA, translating a market gap in personalized training into measurable product value. The initiative secured a **technical win**, shipped to production in September 2024, scaled to **~40M+ users** with **~2.5M Monthly Active Users (MAU)**, and generated **~USD\$1.5M+** in incremental revenue in **Q4 2024**.

LEADERSHIP

Google Developer Student Clubs (GDSC) | SIT Geeks

Jan 2023 — Feb 2024

- As Technical Lead, I hosted and led **10+** hands-on technical workshops for over **~1,000+** students across **Python**, **Figma**, **Git/GitHub**, **AWS**, **Google Firebase**, **Google Cloud**, and **AI technologies** and how to apply them in real-world scenarios!
- As External Development Lead, partnered with internal stakeholders and industry partners such as **Google**, **Amazon**, **Workato**, and others to design technical programs, pitching value propositions to secure **~USD\$23K+** in sponsorships.

SKILLS

- Programming Languages:** Python, C/C++, C#, Go, TypeScript, JavaScript, HTML/CSS, SQL
- Technologies:** LLMs, LangChain, RAG, Prompt Engineering, Fine Tuning, Azure Foundry, Vector DB, LLM-as-a-judge