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EDUCATION

Singapore Institute of Technology & DigiPen Institute of Technology	**Aug 2022 — Apr 2026**
Bachelor of Science (Hons.) in Computer Science in Real-Time Interactive Simulation (RTIS)	Singapore & Redmond, WA

WORK EXPERIENCE

Uber Technologies, Inc. — **Oct 2025 — Present**
AI Solutions Engineer — 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 Tunning, Azure Foundary, Vector DB, LLM-as-a-judge