Lim Tao Ming

Petaling Jaya, Malaysia · m1io@live.com
linkedin.com/in/lim-tao-ming-188b43253 · github.com/OutHypeR

Computer Science graduate (QUT, 2026). Founder and lead developer of **hikomi**, an AI companion app live on the web and Windows with paid plans, and publisher of open-source voice and developer tools. Proficient in AI-assisted development with coding agents such as Claude Code and Codex. Seeking a graduate software engineer role in full-stack, backend or applied AI.

EDUCATION

Queensland University of Technology (QUT), Brisbane, Australia — Graduated Sep 2026
Bachelor of Information Technology (Computer Science), minor in Computational and Simulation Science
GPA 5.4 / 7 (QUT scale, 7 = High Distinction) · ≈ 3.09 / 4.0 on a straight-line conversion
High Distinctions (7 / 7) in Algorithms and Complexity and Introduction to Enterprise Systems

Taylor's University, Subang Jaya, Malaysia — Feb 2022 – Apr 2024
Transferred to QUT with one year of credit (96 of the degree's 288 credit points) · CGPA 3.56 / 4.0

PROJECTS

Open-source developer tools · github.com/OutHypeR — Oct 2026

- **blender-linux-arm64:** Blender 5.2.2 built for ARM64 Linux with NVIDIA CUDA and OptiX rendering, using Blender's own Rocky Linux 8 build environment and about 50 libraries compiled from source.
- **Claude Code plugins:** session-keeper (TypeScript) keeps the prompt cache warm and hands long sessions over automatically; agy-plugin-cc (JavaScript) passes tasks and code reviews to Google's models.

hikomi · AI companion app (founder and lead developer) · hikomi.ai — Sep 2026 – Present

- Launched an app whose 3D characters chat, speak aloud, comment on a shared screen and stay pinned over other windows; live in the browser and as a self-updating Windows desktop app.
- Lead development across a three.js / three-vrm web client, an Electron desktop shell and a FastAPI server for accounts (email and Google sign-in), memory, safety checks and payments, working with AI coding agents throughout.
- Voice pipeline: Faster-Whisper speech-to-text, Claude replies with a fallback route, and GPT-SoVITS voices on an Azure GPU machine that starts only when needed (spot instances first) to cut costs.
- Launched paid monthly plans and credit packs through Stripe in Sep 2026; every change runs on a separate password-protected test site with its own database before release.

kikomi · open-source Discord voice bot (Python) · github.com/OutHypeR/kikomi — Sep 2026

- Joins a voice call and talks back as a character with several people at once: tells speakers apart, transcribes them with Faster-Whisper, and starts speaking before the whole reply is written.
- Thinks with the Claude API or any OpenAI-compatible local model; understands about 99 languages, changes its voice with the character's mood, works with Discord's end-to-end-encrypted voice (DAVE) and only listens to people who opt in.

QUT IT Capstone Project · industry project for the Sugar Research Institute — Jul 2025 – Jun 2026

- With a team of four, upgraded MILSET, a VB.NET desktop tool for setting sugar mill rollers, adding an Azure PostgreSQL database with factory-level row-level security, scenario analysis and wear reports.
- As UI/UX designer, drew Figma mockups for new features such as Maintenance and Mill Drawing, reworked them with the lead programmer to fit WinForms, and built the Inventory Mode version of the MILSET form.
- As QA tester, ran normal, error and edge cases on every delivered feature and reported bugs, several fixed before handover; wrote the handover guide for the client and the developer taking over the code.
- Handed over on schedule with every must-have feature; the final phase was graded High Distinction (7 / 7).

SKILLS

Languages: Python, JavaScript, TypeScript, SQL, HTML/CSS, Bash
Web and backend: FastAPI, Electron, Node.js, three.js, REST APIs, Stripe payments
AI-assisted development: Claude Code, Codex, multi-model task routing and code review, coding-agent plugins
AI and voice: Claude API, OpenAI-compatible APIs, Faster-Whisper speech-to-text, GPT-SoVITS and RVC voices
Cloud and tools: Azure (Linux VMs, GPU spot instances), Git, GitHub Actions, SQLite, FFmpeg, Inno Setup
Spoken languages: English (native), Mandarin Chinese (working proficiency), Malay (basic)