

MIN-CHIA (TOMMY) HUANG

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SUMMARY

Master of Information Technology student at UTS, specialising in Enterprise Software Development. **Available now for part-time, casual or internship work in Sydney.** Software builder who turns emerging technology into shipped products, including a **first-place hackathon app** and **10+ client websites**.

EDUCATION

University of Technology Sydney (UTS)

Expected July 2027

Master of Information Technology, Specialisation in Enterprise Software Development

Griffith University

2019 - 2022

Bachelor of Film and Screen Media Production

TECHNICAL SKILLS

Languages: Swift, Python, C#, TypeScript, JavaScript, SQL (object-oriented: Swift, Python, C#)
Frameworks: SwiftUI, React, Node.js, Express, Tailwind CSS
AI & Data: OpenAI API (vision, structured output, TTS), Model Context Protocol (MCP), PostgreSQL, SQLite, REST APIs
Tools: Git, GitHub, Docker, Xcode, Claude Code, Cursor

PROJECTS

CookPilot - ICON x Lyra Hackathon, 1st Place | [Case Study](#)

2026

Swift, SwiftUI, Meta Wearables DAT SDK, OpenAI (gpt-4.1-nano, tts-1), SFSpeechRecognizer

- Owned the iOS build end to end, integrating Ray-Ban Meta smart glasses with vision, speech recognition and streamed TTS to turn fridge photos into ranked, allergen-aware recipes.
- Made voice control usable across accents by logging raw transcriptions against intended actions and mapping recurring mishearings back to the fixed command vocabulary.

Visual Eyes - Apple Foundation Program | [Case Study](#) | [GitHub](#)

2026

SwiftUI, RealityKit, visionOS, OpenAI Responses API, USDZ

- Owned the app implementation for a four-person team and delivered a walkable five-room visionOS museum showcased at the **UTS Tech Fest 2026 AI Showcase**.
- Built a two-stage pipeline that generates a structured story with a strict JSON schema, creates images in parallel and composites them onto named wall frames in a USDZ gallery.
- Kept it releasable with **141 automated tests**, a one-command verify script and **29 pull requests**.

Accenture x SUBAA Datathon 2026 - Finalist, Top 4 of 40 Teams

2026

Python, pandas, SciPy, matplotlib

- Analysed **105k+ records** across four HR datasets and built a reusable matplotlib style module so new figures matched the team's existing Excel charts.
- Traced all **24 cited figures** back to the raw CSVs before the final, catching a headline finding that had never reached the financial model.

EXPERIENCE

Freelance Web Developer

2024 - Present

Self-Employed

- Owned client projects from requirements through deployment, delivering **10+ customised WordPress websites**.
- Built and deployed LINE and WhatsApp chatbots to automate client communication workflows.

LEADERSHIP & ACTIVITIES

UTS Project Society

2025 - Present

Organising Committee Member

- Ran speaker outreach and scheduling across **3 events** as the main external contact within a 5-member committee.

PROJECT LINKS Vision-Pro: github.com/minchiaHuang/Vision-Pro | Case studies: minchiahuang.dev