

Song-Ze Yu

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Education

University of California, Berkeley , Computer Science	Berkeley, CA, USA
• Academics: Berkeley Engineering, GLOBE (upcoming)	Aug 2025 – May 2026
National Tsing Hua University , B.S. in Computer Science	Hsinchu, Taiwan
• Academics: 3.91/4.3 GPA, AHG Music Lab (Capstone, Prof. Liu Yi-Wen)	Sep 2023 – June 2026
National Cheng Kung University , B.S. in Computer Science and Information Engineering	Tainan, Taiwan
• Academics: 4.16/4.3 GPA, Highest Department Rank: 5/113	Sep 2022 – June 2023

Experience

Positive Grid , Machine Learning Intern	Jun 2025 - Present
• Led a new team and collaborated closely with the R&D manager on an AI agentic workflow for music industry.	
• Created two VST plugin projects (VTR-smartEQ and vaclis-DynamicEQ) and one VST host project.	
National Cheng Kung University , Freelance Website Developer	Sep 2024
• Developed an management website for the National Cheng Kung University International Affairs Office.	
• Collaborated with NCKU Google Developer Student Club for backend integration.	

Leadership & Awards

Meichu Hackathon 2024, 2nd Place (Google) – Hsinchu, Taiwan	Oct 2024
• Built Travelity , an AI personalized travel planner app based on interests, personality, and real-time data.	
• Tech Stack: <i>Flutter (frontend)</i> , <i>Python (backend)</i> , <i>Google Maps API</i> , <i>Google Search API</i> , <i>Gemini AI</i> .	
Taipei Hackathon 2024, 3rd Place – Taipei, Taiwan	Sep 2024
• Developed ParkFlow , a web app provides real-time parking information, navigation, and smart notification in Taipei.	
• Selected for integration into Taipei official app with over 3 million downloads , winning NT\$100,000.	
• Tech Stack: <i>Vue 3 (frontend)</i> , <i>Flutter (mobile)</i> , <i>Taipei Parking API</i> , <i>Mapbox</i> , <i>GPS integration</i> .	
SITCON Hackathon 2024, Group Award Winner – Taipei, Taiwan	Jul 2024
• Developed ccDiary , an AI-powered mental health diary app with anonymous social features.	
• Tech Stack: <i>Flutter (frontend)</i> , <i>Python (backend)</i> , <i>OpenAI</i> , <i>LangChain</i> , <i>Hugging Face</i> , <i>PyTorch (LLM & AI Emotion Analysis)</i> .	
WorldQuant Challenge 2024, Silver Level – Online	May 2024
• Discovered promising alpha through the latest academic papers and social media trends.	
NCKU Campus Speaker 2023 – Tainan, Taiwan	Aug 2023
• Invited to deliver a speech for incoming freshmen, sharing my journey of music journaling.	
• Turned audience-submitted Slido phrases into live improvised songs .	

Projects

Claude Code Remote (Open Source) JavaScript, IMAP/SMTP	JessyTsui/Claude-Code-Remote
• Authored 5 PRs and 7 issues for key features including full execution trace, terminal-style email UX, self-loop bug fixes.	
• Contributions were shared on X (Twitter), gaining 126K views and 800+ likes from the open-source community.	
VTR-SmartEQ JUCE, C++, Python, PyTorch, ReaScript, Lua	vaclisinc/VTR-smartEQ
• Developed VTR model for EQ prediction from Reaper-automated piano data as a capstone project in AHG Music Lab.	
• Integrated the model into a JUCE-based VST plugin during my internship at Positive Grid , a leading music tech company.	
InningIQ React, Python, FastAPI, Firebase	vaclisinc/InningIQ
• A web platform offering subservices such as a visualization assistant and jyBaseball, a community baseball digitization tool.	
• Collaborated with our university baseball team and prominent Taiwanese baseball YouTubers.	

Skills

C, C++, Python, JavaScript, Dart, Verilog, Full-stack(HTML, CSS, React, Vue, Vite), Flutter, PyTorch, FastAPI, JUCE...