

Daniel Thi Graviet

danielthigraviet@gmail.com • 208-697-9068
linkedin.com/in/danielthigraviet • github.com/danielgraviet

Education

BS, Computer Science

Brigham Young University

- Dean's List, GPA 3.97
-

May 2027

Provo, Utah

Experience

Research Assistant

Perception, Cognition and Control Lab

- Engineered a multilingual WhatsApp chatbot using Python, FastAPI, and Firebase Firestore integrated with Meta's WhatsApp Business API to investigate LLM efficacy in mitigating political bias; architected for deployment to Brazilian populations
- Built automated Python pipelines to standardize and sanitize 26,000+ LLM prompts containing character archetypes and survey items into structured, model-ready inputs; presented validated datasets to a panel of 5 social scientists for approval

Jan 2026 – Present

Provo, UT

Machine Learning Engineering Intern

Martian

- Built interactive evaluation dashboard compiling results from GCS for 10+ SOTA models, reducing analysis time from hours to seconds for ML engineers
- Engineered scalable evaluation pipeline handling 100 concurrent model responses with Pydantic validation, Hugging Face API integration, and automated GCS storage

Sept 2025 – Jan 2026

San Francisco, CA

Software Engineering Intern

Blerp Inc.

- Developed real-time text-to-speech pipeline for Twitch streams using ElevenLabs + OpenAI APIs; shipped to 70,000+ streamers with positive user feedback
- Designed GraphQL schema extensions for custom TTS pricing tiers and Twitch channel point redemption features using Apollo Client

Apr 2025 – Sept 2025

Salt Lake City, UT

Projects

Helix (Redo Hackathon Winner)

- Built a self-extending AI agent that dynamically generates, containerizes, and deploys Python microservices as reusable skills using Claude tool use, Docker, FastAPI, and Jinja2 templating
- **Award:** \$1k cash (150+ competitors)

Feb 2026

CodeQuintet (Sentry Hackathon Winner)

- Built LLM ensemble generating 5 optimized code variants with parallel execution reducing latency by >50% (60s → <30s)
- **Award:** \$5k in credits + \$500 cash (300 competitors)

Nov 2025

PolySandbox (Daytona Hackathon Winner)

- Built unified sandbox orchestrator for secure code execution across Docker, Daytona, and E2B with a unified /run API endpoint and evaluation pipeline for datasets like MBPP and HumanEval
- **Award:** Best Use of Daytona - \$17k in credits + \$2k cash (300 competitors)

Oct 2025

Skills & Leadership

Technical Skills: Python • scikit-learn • NumPy • pandas • Matplotlib • Hugging Face • Docker • Pydantic • Firebase • Git • APIs (OpenAI, Anthropic, ElevenLabs)

Leadership: President, BYU ACM Club (Aug 2025 – Present) - organize technical events, mentorship programs, and networking opportunities for 50+ students