

Christian Kang

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PROFESSIONAL SUMMARY

AI and software engineer with experience building backend services, data pipelines, and production-ready tools. Skilled in machine learning, QA automation, and large-scale data processing across Python, Go, and TypeScript. Strong collaborator with a record of improving system reliability and delivering impactful solutions in both startup and enterprise environments.

EDUCATION

Utah Valley University, Orem, UT, B.S. in Computer Science, Minor in Japanese (*Dec 2024, Cum Laude*)

TECHNICAL SKILLS

- **Languages:** Python, Go, TypeScript, SQL, C++, Rust, C#, Java
- **AI/ML:** PyTorch, torchvision, reinforcement learning, NLP, computer vision, data preprocessing
- **Backend:** REST APIs, PostgreSQL, MongoDB, Flask, CI/CD pipelines
- **Cloud & Infra:** AWS, Docker, GitHub Actions, GitLab CI/CD, Linux
- **Practices:** Agile/Scrum, QA automation, load testing, telemetry, debugging

EXPERIENCE

Touchpoint – Freelance Software Engineer (Remote) (March 2025 – Present)

- Developed a real-time chatbot and onboarding tools integrating multiple backend APIs.
- Created a Python GUI to automate structured data extraction and CSV exports.

Tesla – AI Engineer (Feb 2025 – Present)

- Built QA tools to validate AI model predictions in real time.
- Processed and analyzed large-scale datasets to improve system accuracy and stability.

Fortem Technologies – Computer Vision Intern (Oct 2024 – Jan 2025)

- Automated AI dataset creation from drone video using Python and AWS.
- Reduced false positives by 26% through annotation cleanup and model input optimization.

FamilySearch – QA Software Engineering Intern (May 2024 – Sep 2024)

- Created a TypeScript tool to auto-generate API load tests from OpenAPI specs.
- Reduced setup time from 30 to 3 minutes and improved backend test coverage.

Claravine - Escalation Engineer (Jan 2019 - May 2024)

- Investigated SaaS platform defects using Grafana and Orion.
- Improved resolution speed through clear bug reproduction and documentation.