

# Winton Gee

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## WORK EXPERIENCE

### AI Engineer (Contract)

July 2025 – Present

*Mercor*

*San Francisco, CA*

- Developed and evaluated backend code generation in Python and Java for three top foundational model labs, increasing model reliability.
- Increased model-generated code correctness by 5% and reduced hallucinations across 25+ backend tasks.
- Designed and executed manual and pipeline-based evaluations to benchmark models, informing continuous learning and reliability improvements.
- Improved video generation model quality by ~10% through systematic evaluation and feedback.

### Founder

April 2025 – July 2025

*CoChat.io*

*San Francisco, CA*

- Founded CoChat.io, an AI-driven platform for interactive online personas, leading product vision and development.
- Launched MVP in TypeScript/React with PostgreSQL + Supabase backend, shipping core features to 15 test users.
- Engineered AI personalization with embeddings and RAG pipelines, overcoming technical stack challenges through independent research and prototyping.
- Accelerated development by generating ~95% of codebase with Windsurf, reducing build time from weeks to days.

### Software Engineer Intern

June 2023 – September 2023

*Ricoh USA, Inc.*

*Duluth, GA*

- Built scalable AWS Lambda microservices in Python, automating processing of 150M+ USPS data points.
- Ensured 100% data consistency by aligning 29 database schemas with Azure DevOps documentation via MySQL.
- Collaborated in daily 6 AM cross-functional standups to assess scalable AI tools for future NLP integration.

### AI Researcher

September 2022 – December 2022

*California Polytechnic State University*

*San Luis Obispo, CA*

- Proposed fairness reforms for AI risk assessment tools by evaluating 5 research papers focused on bias mitigation.
- Conducted ethical analysis of Neuralink's brain-computer interface, examining implications for cognitive autonomy.

### Software Engineer

March 2020 – September 2022

*Tribot LLC*

*San Francisco, CA*

- Modernized legacy backend API by engineering 150+ functions with Java 8, streamlining maintenance workflows.
- Deployed unit and integration tests, reducing post-deploy bug volume by 40% and improving CI/CD reliability.

## TECHNICAL SKILLS

**Languages:** Python, TypeScript, SQL

**Frameworks/Libraries:** OpenAI, Hugging Face, LangChain, TensorFlow, PyTorch, FAISS

**Infrastructure:** AWS, GCP, Azure, Docker, CI/CD, PostgreSQL, MySQL

**Tools:** Git, Linux, NumPy, Pandas, Windsurf

**Certifications:** Google AI Essentials (2025), IBM AI Essentials V2 (2025)

## EDUCATION

**California Polytechnic State University, San Luis Obispo**

September 2022 – June 2024

*Bachelor of Science, Computer Science*

**City College of San Francisco, San Francisco, CA**

August 2019 – May 2022

*Associate of Science, Data Science and Mathematics*