GIL ESKAYO

AI ENGINEER

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github.com/G-Eskayo | U.S. Citizen | Secret clearance (reinstatable) | U.S. Army veteran

Jr AI Engineer at Charter Communications: cloud cost visibility and AI agent tooling, in production. Off the clock I build MARVIN, a multi-agent development system, and Seal Speak, an offline captioning app on the App Store. A rare crossover of aerospace engineering and computer science.

PROFESSIONAL EXPERIENCE

Charter Communications *Jr AI Engineer, April 2026–Present*

• Built a cloud cost platform and the pipeline that feeds it, so spend shows up as it happens and cost spikes surface in minutes, not hours.

• Traced spend back to the teams and roles behind it, so leadership can finally answer “who is driving this cost?”

• Set up budget and anomaly alerts that flag unusual spend within hours.

• Found why an internal AI agent was handing users wrong numbers and fixed it, then designed the pattern the team now uses to turn its APIs into tools an agent can call.

• Built a browser-based UI test tool that took route coverage from 54% to 100% and cut runtime 44%, at zero cloud cost.

• Turned a backlog of QA defects and AI-summary quality problems into design docs and checklists that unblocked every open one.

U.S. Army *CBRN Defense Specialist*

Chemical, Biological, Radiological and Nuclear defense, trained in operational security and emergency response.

PROJECTS

MARVIN *Open source: github.com/G-Eskayo/marvin*

Memory, skills and background agents for Claude Code. It picks up tickets, writes the code, proves the change with tests and hands me a pull request to approve. Runs across two Macs and a Linux box, steered from a desktop dashboard I built for it.

Seal Speak *iOS app on the App Store*

A live-captioning app I built for my mom. It runs entirely on the iPhone: no account, no internet needed, a new line when the voice changes.

Distributed LLM Inference *Python, gRPC, MLX, Tailscale*

One model split across two Macs over Tailscale, after root-causing 8 stacked failures, from a cross-machine ABI mismatch to a token-streaming race.

Hackathon 1st Place: Agentic AI Marketplace *AI Tinkerers SF*

Buyer, seller and broker agents that scan listings, value assets, negotiate and track live profit and loss.

TECHNICAL SKILLS

• **AI & Machine Learning –** LLMs, RAG, AI agent tool design, AWS Bedrock, PyTorch, scikit-learn, LightGBM

• **Languages & Data –** Python, TypeScript, JavaScript, SQL, PostgreSQL

• **Cloud & Tools –** AWS (Lambda, ECS, EventBridge, S3), Docker, Git, Playwright

• **Security –** Burp Suite, Metasploit, Nmap, Wireshark, OSINT

EDUCATION

B.S. Computer Science *University of Colorado Boulder, August 2025*

Plus 12 aerospace engineering courses.

Pre-Engineering *College of San Mateo, 2019–2021*

Dean's Honor Roll, three semesters.

TRAINING

• ML Resume Selector with Naive Bayes, Coursera, 2025 • UML Class Diagrams, Udemy, 2025 • The Complete Python Developer, Udemy, 2024 • Web Security & Bug Bounty, Udemy, 2024

RECOGNITION

• Hackathon 1st place, AI Tinkerers SF • Eagle Scout (31 merit badges, two Eagle Palms) • Certificate of Merit for life-saving action, Scouting America