

Elliot Bearden

AI Engineer | AIOps Specialist

(210) 350-2486 | Portland, OR | li.bearden@proton.me | [LinkedIn](#) | [Github](#)

EXPERIENCE

Deepgram | *Applied Engineer, AI* | Remote Jul 2021 - Present

- Developing research utilities to automate model accuracy and engine load assessments, cutting custom model production time by 93% (from 14 to 1 day)
- Collaborating closely with clientele to understand specific needs, devising and executing tailor-made AI solutions, for 300+ customers, supporting over \$100M in ARR
- Designing and executing 150+ distinct deployments of ML engine on-premise and managed cloud for enterprise customers with security compliance requirements

PROJECTS

MSCS Project: LLM Sycophancy Detection & Evaluation Framework Nov 2025

Technologies: Python, Hugging Face (Transformers, Datasets), OpenAI Evals, Weights & Biases, vLLM, Ray, Docker

- Building a reproducible eval harness to measure LLM sycophancy vs. accuracy across controlled prompt variants (domains/paraphrases)
- To run seed + temperature sweeps and mitigation tests, aggregating results into a benchmark-style report on what reduces sycophancy without hurting quality

Data Pipeline: Speech Recognition Model Training Data Prep August 2024

Technologies: Python, Kubernetes, Asana API, Slack API, MLflow, OpenAI API

- Developed Midas, an data pipeline designed to passively ingest, transcode, and upload training audio provided by customers into our data labeling studio and prepare it for training
- Designed a UI, integrated with Slack, and built an AI agent to serve labeling requests

AI Support Agent: Tier-1 Customer Support May 2023

Technologies: Python, OpenAI Embeddings API, Websockets, Github GraphQL API

- Developed NAVI, an LLM-based chat system to answer customer inquiries, based on knowledge contained in the Deepgram docs, blog posts, API reference, and help center articles
- Designed a testing UI, integrated with Slack, and incorporated feedback mechanisms

EDUCATION

Grand Canyon University | Remote Expected 2026

Master of Science, Computer Science

- [DS4A Data Engineering Graduate](#) and program Endowed Scholar

Grand Canyon University | Remote 2021

Bachelor of Science, Information Technology

SKILLS & INTERESTS

Languages / Tools: Python, SQL, Rust, AWS, FFmpeg, Kubernetes, Docker, Nomad

Frameworks: Pandas, NumPy, Flask, FastAPI, SciPy, PyTorch

Interests: AI/Machine Learning, Natural Languages, Tech / AI Policy, SIGINT