

EDUCATION

Stanford University

Stanford, CA
M.S. Computer Science
(Concentration: AI)
2020 – 2022
GPA: 4.04 / 4.00

Purdue University

West Lafayette, IN
B.S. Computer Engineering
2016 – 2020
GPA: 4.00 / 4.00
Highest Distinction

SKILLS

Programming Languages

- Python
- Ruby
- Java
- Scala

Technologies / Frameworks

- PyTorch / TensorFlow
- XGBoost / Scikit-Learn
- PyG / NetworkX
- HuggingFace / LangChain
- Braintrust / WandB
- SQL / Trino / Presto
- Spark / Hadoop
- Airflow / Kafka / Flink
- Docker / Kubernetes

TEACHING ASSISTANT

- CS 221: Artificial Intelligence (Spring '22)
- CS 142: Web Dev. (Winter '22)
- CS 230: [Head TA] Deep Learning (Fall '21)
- CS 107: Computer Org & Systems (Spring '21)

RELEVANT COURSES

- CS 329T: Trustworthy ML
- CS 329S: ML System Design
- CS 231N: Computer Vision
- CS 231A: 3-D Computer Vision
- CS 224W: Graph ML
- CS 224N: NLP
- CS 230: Deep Learning
- CS 229: Machine Learning
- CS 221: Artificial Intelligence

ORGANIZATIONS

- Stanford TreeHacks

LINKS

- [Google Scholar](#)
- [GitHub](#)

INDUSTRY EXPERIENCE

Crosby

Senior Machine Learning Engineer New York, NY
Jan 2026 – Present
• Building MapQuest, Crosby Legal's flagship AI product for automating contract redlining across MSAs, DPAs, and NDAs with the goal of reducing Human Review Time (HuRT) by 40% YoY
• Tech stack: Prefect, Pydantic LogFire, Incident.io, Redash, Sentry, Cloudflare, Modal

Stripe

Senior Machine Learning Engineer, Merchant Intelligence New York, NY
Apr 2025 – Dec 2026
• Built Stripe's merchant intelligence service to orchestrate a suite of web crawling AI agents at scale, reducing the rate of undetected unsupported merchants onboarded by 34% annually
• Tech stack: OpenAI, Perplexity, FireCrawl, LangGraph, Browserbase, browser-use

Machine Learning Engineer, Applied ML Accelerator New York, NY
Apr 2024 – Mar 2025
• Built a framework for LLM-as-a-judge evals for Stripe's Assistant and Support chat interfaces, enabling better LLM performance-cost-latency trade-offs and improving CSAT by 8% annually
• Tech stack: OpenAI, Elasticsearch, Temporal, LangChain, Braintrust

Machine Learning Engineer, Fraud Discovery New York, NY
Jul 2022 – Mar 2024
• Led a team of engineers, DS, strategists, and ops to propose and build Scorpion - Stripe's first multivariate time-series transformer for Risk Detection, reducing losses by \$16M annually
• Tech stack: SQL, PySpark, Airflow, Kafka, Flink, Flyte, Databricks, HuggingFace

Machine Learning Engineer Intern, Fraud Intelligence New York, NY
Jun 2021 – Sep 2021
• Built FI-Explain - an ML explainability tool powering Stripe's Sonar product for platforms that provides local and global feature importances for Stripe's suite of ML fraud models
• Tech stack: XGBoost, scikit-learn, WandB, SHAP

Google

Software Engineer Intern, Google Cloud AI Seattle, WA
Sep 2019 – Dec 2019
• Built Model Distillation capabilities to extract decision rules by converting black-box ML models into interpretable tree-based models, enabling ML explainability for models deployed on GCP
• Tech stack: TensorFlow, Keras, scikit-learn, Fig, Blaze

RESEARCH EXPERIENCE

Stanford University

Graduate Researcher Stanford, CA
Sep 2020 – Jan 2021
• Intuitive human-robot interaction using distributed RL at the Stanford Vision and Learning Lab

Purdue University

Research Assistant West Lafayette, IN
May 2018 – May 2020
• ML for Signal Processing (modulation classification / interference identification) at El Gamal lab

ACADEMIC PUBLICATIONS

- **[J3]** Ramjee S, Ju S, Yang D, Liu X, El Gamal A, Eldar Y.C, "Ensemble Wrapper Subsampling for Deep Modulation Classification". IEEE Transactions on Cognitive Communications and Networking, Aug 2021 [\[LINK\]](#)
- **[J2]** Wang X, Ju S, Zhang X, Ramjee S, El Gamal A, "Efficient Training of Deep Classifiers for Wireless Source Identification using Test SNR Estimates". IEEE Wireless Communication Letters, Apr 2020 [\[LINK\]](#)
- **[C1]** Zhang X, Seyfi T, Ju S, Ramjee S, El Gamal A, Eldar Y.C, "Deep Learning for Interference Identification: Band, Training SNR, and Sample Selection". IEEE Signal Processing Advances in Wireless Communications, Jul 2019 [\[LINK\]](#)
- **[J1]** Ramjee S, Ju S, Yang D, El Gamal A, Eldar Y.C, "Fast Deep Learning for Automatic Modulation Classification". IEEE Machine Learning for Communications Emerging Technologies Initiatives, Jan 2019 [\[LINK\]](#)

HONORS AND AWARDS

- AI Fellowship | Bain Capital Ventures | Jun 2024