

JARED GAGE

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EXPERIENCE

Open Motion AI May 2024 - Present
Machine Learning Intern *Remote*

- Developing SOTA computer vision models using TensorFlow and Keras.
- Leveraging large multi-modal models for real-time patient feedback in physical therapy use cases.

National AI Institute (AI ALOE) May 2023 - May 2024
Graduate Researcher- AI Cognitive Assistants *Remote*

- Productionalized LLM anonymization module in Sagemaker to obfuscate PII from student records.
- Built Glue pipelines to automate cleaning and preparing of data for model training.
- Created scalable Athena/Iceberg data lakehouse for agent-personalization data with near real-time latency.

Apollo API Oct 2023 - Dec 2023
ML Engineer Intern *Remote*

- Utilized Python and PandasAI to create conversational agents that could perform data analysis on one or more CSV files through a chat interface.
- Interfaced with OpenAI API as well as integrated ability to run hosted open source models.
- Hosted application on Streamlit, with plans to open-source in near future.

Vanguard Jun 2022 - Jul 2023
Data Engineer, Senior Associate *Philadelphia, PA*

- Worked on signal detection pipeline to help inform leads for sales executives, valued at \$50k per signal
- Optimized a critical data pipeline with PySpark (AWS Glue/Redshift) to decrease runtime from hours to minutes and cost from \$17 per run to \$0.04.
- Set up automated workflows to ingest new datasets into data warehouse (S3, Lambda, Glue, Redshift).

Cobbs Creek Healthcare Aug 2021 - Mar 2022
Programmer (Contract) *Philadelphia, PA*

- Applied deep learning models (Sklearn) to improve healthcare related forecasting.
- Utilized cloud tools including Snowflake, Redshift, Databricks for internal and client data needs.
- Efficiently managed TBs of pharmaceutical claims data, leveraging Spark.

EDUCATION

Georgia Institute of Technology Aug 2024 (Expected)
Masters in Computer Science

University of California, Los Angeles (UCLA) Jun 2021
Bachelors in Cognitive Science, Specialization in Computing

SKILLS

Machine Learning	PyTorch, TensorFlow, SKLearn, Numpy, OpenAI API
Data Tools	Sagemaker, Chariot, Redshift, Athena, Glue, Snowflake
Programming	Python, Spark, Pandas, SQL, Docker
Certificates	AWS Solutions Architect- Associate