

Jordan Eisenman

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Skills

- Languages & OS: Python, SQL, Git, Bash, Unix - Linux, Ubuntu, Neovim, YAML
- Data Storage: databases, MySQL, data warehouses, Snowflake, Azure Data Lake, NoSQL, Firebase
- Cloud: AWS, S3, RDS, Athena, EC2, ECS, Glue, IAM, Databricks, GCP, Cloud Run, Artifact Registry
- MLOps: inference endpoints, REST APIs, streaming, Kafka, Kubernetes, ETL, Airflow, monitoring, Splunk
- Other: TensorFlow, sklearn, LLMs, LangChain, GIS visualization, Tableau, numpy, pandas

Work Experience

DataShapes

06/2023 - 08/2023

Machine Learning Engineer Intern

AWS, AI/ML Research, Visualization

- Formulated data science experiment investigating the efficacy of five different model types on radio frequency data
- Studied model deployment onto edge devices for signal intelligence applications in military & civil contexts
- Collaboratively researched state-of-the-art AI/ML algorithms from academic papers & industry experts
- Developed team's data lake, docker templates, & secret key management system within AWS

Tesla Motors

01/2023 - 05/2023

Data Engineer & Quality Intern

Kafka, Kubernetes, OLTP, Airflow, Monitoring, Visualization

- Earned performance review rating of 5/5 for exceptional achievement & 4/5 for teamwork & communication
- Saved \$400,000 by reducing downtime of Kubeless bots through new API protocols & added flexibility
- Communicated with scientists & engineers gathering requirements for automated reporting of laboratory results
- Developed synchronously triggered Kubernetes Kubeless bots, alerting engineers of failed quality checks
- Engineered monitoring dashboard for Kubeless bots utilizing Splunk logs & Airflow scheduling

Q2 Software

05/2022 - 08/2022

Data Engineer Intern

Azure, Kubernetes, CICD, Unit Testing, Visualization

- Consulted executives on the utility of dashboards for internal stakeholders & external clients
- Engineered BI dashboard piping data from Azure Data Lake logs using KQL, Airflow, Databricks, & SQL
- Created, tested, & deployed peer-reviewed software within a CICD pipeline, utilizing git, DevOps, & Kubernetes

Esme Learning Solutions

06/2021 - 09/2021

Data Analyst Engineer Intern

Snowflake, AI/ML, Sklearn, Visualization

- Leveraged Snowflake, SQL, & Tableau for data extraction, transformation, & visualization of raw .json & .yaml data
- Developed clustering algorithm with sci-kit learn to categorize user tendencies on learning and video platforms

Extracurriculars

AES Consulting Extracurricular

06/2021 - 01/2023

Co-Founder, Software Engineer

AWS, S3, AI/ML

- Co-founded financial data consulting group, providing data infrastructure & machine learning models
- Managed technical vision, system implementations, data pipelines, & code base for a team of five

Cats' Stats

08/2021 - 09/2022

Chair of Data Engineering

Python, Git

- Led & trained a group of nine students to work with PostgreSQL, pandas, & APIs (scraping & gitPython)

Projects

- [Portfolio Website](#): Hosting portfolio website using Sveltekit, Tailwind, Docker, Cloud Run, & GCP
- [JordanGpt](#): Hosting web API exposing chatbot, answering career-oriented questions, & resume data
- [Terminal](#): Made chatbot UI agent capable of controlling my email & local computer through chat instruction
- [Mom Texter](#): Developed CLI script capable of scheduling GPT-3 generated texts to my mom

Education

Davidson College

Davidson, North Carolina

- B.S. in Mathematics, *Cum Laude*
- Coursework: Machine Learning, Data Structures & Algorithms, Linear Algebra, Statistics, Modeling
- Research: Risk Analysis & Machine Learning in Financial Markets with Dr. Jonad Pulaj

GPA: 3.66