Sam Corzine

☎ +1 (224) 245 9265
✉ samcorzine@gmail.com
🖰 github.com/samcorzine/resume

Experience

2021-Ongoing — **Lead Machine Learning Engineer**, *Fetch Rewards*, Chicago, IL.
Document Understanding + CV + NLP
- Lead cross-functional team through full implementation of ML solution that processes ~10 million receipts per day;
- Drove development of internal tools for real time data aggregation, model deployment on GPU clusters, and management of vector databases;
- Work as tech lead for group of ~30 MLE/DS, ensuring a high bar for quality across all ML projects at company;
- People management of 5 direct reports spanning MLE/BE;

2019-2021 — **Data Engineer**, *SpotHero*, Chicago, IL.
Data for America's leading parking app
- Built streaming data pipelines to ingest and aggregate occupancy/search data to power company's pricing algorithms;
- Designed and implemented automation tooling to measure shifts in the output of prices and track model drift;

2018-2019 — **Software Engineer**, *Slalom Consulting*, Chicago, IL.
Enterprise Cloud-Native applications development
- Helped design and implement an automated AWS multi-account strategy for a large financial institution;
- Built an event driven system for management of data infra, automating spinning up/down of resources and managing security;

2017-2018 — **DevOps Engineer**, *CCC Information Services*, Chicago, IL.
Data center -> Cloud
- Built a full-stack "DevOps Console" using JS/Python;
- Helped migrate applications to AWS with IAC tooling;

Education

2014–2017 — **B.A. Mathematics**, *DePaul University*, Chicago, IL.
Highlights:
- Selected Coursework: Partial Differential Equations/Measure Theory/Representation Theory;
- Extensive optimization of linear algebraic computations in research project;

Personal Projects

SyntheticDB — A Pythonic SQL interface for artificial data generators

Jaxson — A differentiable generative art library written in JAX

WiseML — A Sagemaker-inspired ML training framework that runs on a local network PC