

Anirudh Kamath

SCIENTIFIC COMPUTING AND DAD JOKE ENTHUSIAST

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Experience

Miracle

San Francisco, CA

FOUNDING/LEAD ENGINEER

May 2023 - Present

LANGUAGES/TECH: *NextJS, TypeScript, Docker, Kubernetes, Python*

- YC W23, Employee no. 1, leading all eng initiatives
- Build/maintain data collection, orchestration, and client-accessible portals while safely handling access to confidential business logic and PHI.
- Build out robust monitoring/event tracking/logging/experimentation to make reliable data-driven decisions and ensure client satisfaction
- Built landing page (miracleml.com)

Whatnot

San Francisco, CA

MACHINE LEARNING SCIENTIST, DISCOVERY

Sept 2021 - May 2023

LANGUAGES/TECH: *Python, Dagster, AWS Sagemaker, Terraform, FastAPI, DBT, Docker, Airflow, Rockset, Kafka, Kubernetes*

- ML hire no. 2, engineer no. 32. Joined at Series B, left at Series D. YC W20, a16z, CapitalG-backed
- Worked on building up candidate generation/recsys engine from the ground up and scaling for millions DAU
- Responsible for end-to-end model EDAs, data gen, training, testing, deployment, and maintenance of various high-traffic ranking surfaces
- Built out offline experimentation platform to evaluate effectiveness of various ranking models

CrowdStrike

El Segundo, CA (Remote)

DATA ENGINEERING INTERN, INTELLIGENCE/R&D

Jun 2021 - Sep 2021

LANGUAGES/TECH: *Python, Starlette/FastAPI, React, Kubernetes, Docker*

- Built ETLs internal service to monitor machine learning pipelines at scale for data scientists.

Neo4J

San Mateo, CA (Remote)

SOFTWARE ENGINEERING INTERN, SOLUTIONS AND PROFESSIONAL SERVICES

Jan 2021 - May 2021

LANGUAGES/TECH: *Neo4J/Cypher, React, GraphQL, AWS Glue, Apache Hop, Terraform, D3.js, Python, Docker*

- Directly interfaced with clients and develop/deploy full-stack graph database backed solutions that best suits their needs.

Apple

Cupertino, CA (Remote)

SOFTWARE ENGINEERING INTERN, HEALTH

Jun 2020 - Aug 2020

LANGUAGES/TECH: *Python, PySpark/Spark SQL, Metaflow, Golang, AWS Glue, AWS Lambda, AWS Athena, Terraform*

- Worked on ETLs and large-scale data migrations on AWS to scalably support data science teams. Work was related to hospital technology

Boston Consulting Group (BCG)

Boston, MA

NORTH AMERICA MARKETING CO-OP

Jul 2019 - Dec 2019

LANGUAGES/TECH: *Python, SQL, Tableau, Pandas, Scikit-Learn, MS Office, Selenium, Salesforce*

- Worked on BCG.com article recommendation system based on LDA topic modelling and built various CRM ETLs.

Rock Ventures

Detroit, MI

SPECIAL PROJECTS INTERN

Aug 2018 - Jun 2019

LANGUAGES/TECH: *Python, SQL, JavaScript, PyTorch, Tensorflow, Keras (Tensorflow), AWS SageMaker, Flask*

- Utilized embeddings from a disentangled variational autoencoder (β -VAE) to willing-to-pay price points on StockX.
- Developed on outfit-matching algo on StockX based on embedding matching between streetwear and sneaker products

StockX

Detroit, MI

DATA SCIENCE INTERN

May 2018 - Jul 2018

LANGUAGES/TECH: *Python, SQL, Tableau, Google Analytics, AWS Lambda, AWS SageMaker, Keras (Tensorflow), Pandas*

- Researched ideal fulfillment locations for shipping path optimization based on buyer/seller traffic, potential growth, and shipping cost.
- Automated reporting daily KPIs from various sources into single email; assisted in building consumer acquisition cost (CAC) model

Education

Northeastern University

Boston, MA

B.S. MATHEMATICS AND DATA SCIENCE, MINOR IN BUSINESS ADMINISTRATION (MAJOR GPA: 3.96/4.0)

GRADUATE COURSEWORK: MACHINE LEARNING AND STATISTICAL LEARNING THEORY, GRAPH THEORY, NUMERICAL ANALYSIS I

(LINEAR ALGEBRA), NUMERICAL ANALYSIS 2 (PARTIAL DIFFERENTIAL EQUATIONS)

Sep 2017 - Dec 2021

SELECTED UNDERGRADUATE COURSEWORK: COMPUTER GRAPHICS, LARGE-SCALE INFORMATION STORAGE AND RETRIEVAL,

ALGORITHMS AND DATA, OBJECT-ORIENTED DESIGN, PROBABILITY/STATISTICS, LINEAR ALGEBRA, CALCULUS 1-3