

## Matthew Frank

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### Education

**University of California, Berkeley**

December, 2024

M.S. Information and Data Science (MIDS)

**University Of California, Santa Cruz**

June, 2018

B.S. in Computer Science

### Experience

**Uniquify, Inc**

San Jose, CA

Machine Learning Research Manager

September 2021 - October 2023

- Led a team of AI engineers and data scientists to launch innovative AI projects, increasing productivity and innovation.
- Strategized and implemented AI roadmaps aligned with business goals, boosting operational efficiencies and achieving targeted results.
- Provided technical leadership and mentorship, upholding best practices in project management.
- Reported project progress and outcomes to senior management, guiding strategic AI investments and future initiatives.
- Applied Agile and Scrum methodologies, improving project delivery times by 20% and enhancing resource utilization.

**Uniquify, Inc**

San Jose, CA

Machine Learning Research Engineer

October 2018 -September 2021

- Developed and maintained computer vision systems using TensorFlow, Pandas, and Numpy, improving object detection and image classification accuracy by 30%
- Advanced AI/ML applications across Classification, Pose Estimation, Face Recognition and Object Detection, leveraging deep learning models using FNNs, CNNs RNNs, and GANs.
- Applied mathematical expertise in linear algebra and statistics to enhance model performance.
- Incorporated latest research into projects for continuous improvement.

### Skills & Interests

**Technical:** AI Modeling, Data Processing, Optimization, CI/CD, AWS, Git,

**Languages:** Python, Shell, SQL

**Projects:**

- Celebrity Facial Recognition in YouTube Videos
- Stock Price Prediction
- [AquaGraphs](#) - Wave Data Analysis
- ReCall - Harness the Power of GPT-4 for Efficient Business Communication
- [HMS - Harmful Brain Activity Classification](#)