



# Mila Aguirre

## Senior Machine Learning Engineer

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### STRENGTHS

- 👥 **Collaborative Teamwork**  
Foster open communication among diverse teams, regularly exchanging ideas that kindled creativity.
- 💡 **Innovative Problem Solving**  
Constantly approach challenges with fresh perspectives, resulting in innovative yet practical pathways forward.
- 📊 **Data Analysis Expertise**  
Always enthusiastic about dissecting data trends, this passion has paved the way for informed decision-making.
- 🔄 **Adaptability**  
Quickly adjust approaches based on feedback, continuously improving personal and team efforts in real-time.
- ★ **Leadership Capacity**  
Motivate others through clear vision and integrity, becoming a trusted point of reference for teammates.

### SKILLS

Machine Learning

Cloud Computing

CI/CD Workflows Data Analysis

Python R TensorFlow Keras

Algorithm Development

Predictive Modeling

Integration Strategies

Statistical Analysis

Model Optimization Data Mining

Artificial Intelligence

Performance Metrics

### SUMMARY

Results-driven Machine Learning Engineer with more than five years designing and implementing end-to-end machine learning systems. Expert in optimizing model performance and integrating solutions within cloud environments while leveraging CI/CD workflows. Collaborative leader who deeply values teamwork to advance AI technologies. Committed to delivering meaningful results through innovation and efficiency, fostering strong relationships across departments for shared success.

### EXPERIENCE

#### Senior Machine Learning Engineer

Tech Innovations Inc. 📅 January 2021 - Present 📍 Austin, TX

Lead initiatives to design robust machine learning models and integrate them into user-facing applications. Collaborate closely with a team of data scientists and engineers to improve model efficiencies and deployment processes.

- Engineered advanced machine learning models for predictive analytics, realizing improved accuracy.
- Together with interdisciplinary teams, challenged conventional methods to enhance integration of ML algorithms into various platforms.
- Adjusted methodologies through comprehensive testing, consistently streamlining model validations.

#### Machine Learning Engineer

Future Data Analytics 📅 June 2018 - December 2020 📍 Seattle, WA

Developed scalable algorithms that empowered analytical capabilities and informed decision-making processes. Managed infrastructure to optimize resource allocation for cloud-based tasks.

- Created and implemented scalable machine learning algorithms to extract valuable insights from data.
- Utilized CI/CD practices, facilitating timely deployment cycles and enhancing operational workflow.
- Coordinated cooling cloud resources and monitored data processing activities to promote sustainability.

#### Junior Data Scientist

Data Solutions Group 📅 July 2016 - May 2018 📍 New York, NY

Joined the data science team to support creation of analytical tools essential for strategic business insights. Conducted thorough data evaluations to identify actionable trends.

- Participated in developing analytics tools supporting key business decisions.
- Conducted extensive exploratory analysis, showcasing ability to work with large datasets efficiently.
- Collaborated respectfully with peers, contributing to project discussions that advanced our objectives.

### PROJECTS

#### AI Model Development 📅 January 2022

Spearheaded a cross-departmental initiative to build an AI model capable of dynamic behavioral predictions, significantly increasing operational forecasting accuracy.

#### Cloud Resource Optimization 📅 November 2021

Led a specification review project designed to increase the efficiency of existing cloud utilization strategies, decreasing instances of resource overruns.

## LANGUAGES

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English Native

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Spanish Intermediate

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## MY CAREER

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- Senior Machine Learning Engineer at Tech Innovations Inc. (5.4 Years)
- Machine Learning Engineer at Future Data Analytics (2.5 Years)
- Junior Data Scientist at Data Solutions Group (1.8 Years)

## LEADERSHIP & AWARDS

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- Recognition Award for Innovation—Tech Innovations Inc.—2023
- Employee of the Year—Future Data Analytics—2020

## EDUCATION

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### Master's Degree in Computer Science

University of California, Berkeley 🎓 GPA: 3.8 📅 2016 📍 Berkeley, CA

*Coursework: Machine Learning, Data Structures, Algorithms, Software Engineering*

## CERTIFICATIONS

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- Certified Machine Learning Specialist 📅 2021
- AWS Certified Solutions Architect 📅 2020

## TECHNICAL SKILLS

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- **Machine Learning Tools:** Scikit-learn, TensorFlow, Keras
- **Cloud Platforms:** AWS, Azure, Google Cloud
- **Programming Languages:** Python, R, SQL
- **Version Control Systems:** Git, GitHub, Bitbucket
- **Development Frameworks:** Flask, Django, Streamlit
- **Continuous Integration:** Jenkins, CircleCI, Travis CI
- **Containerization Technologies:** Docker, Kubernetes, OpenShift
- **Database Technologies:** SQL Server, PostgreSQL, MongoDB
- **Visualization Tools:** Tableau, Matplotlib, Seaborn
- **Code Review Practices:** Peer Review, Git Flow, Code Quality Assurance

## PROFESSIONAL AFFILIATIONS

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- Member—Association for Computing Machinery (ACM)
- Volunteer—California Data Science Festival

## ADDITIONAL INFORMATION

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**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

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AVAILABLE ON REQUEST