RAMIRO BRISENO

AI/ML ENGINEER

CONTACT

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SKILLS

Technologies
Docker
Kubernetes
Amazon Web Services (AWS)
Libraries
Keras
Numpy
Pandas
Scikit-Learn
Tensorflow
Machine Learning
Clustering
Regression
Classification
Deep Learning
Anomaly Detection
Supervised Learning
Unsupervised Learning
Natural Language Processing
Operational Efficiency

LANGUAGES

Python
SQL

EDUCATION

California Institute of Tech.

Machine Learning & Robotics

Univ. of Cal. Riverside

B.S. Biology

PROFILE

Machine learning engineer and technical strategist with 3 years of experience in industry. I thrive in roles that balance hands-on model development and strategic collaboration alongside executive leadership to align ML initiatives with business objectives and impactful results.

RELEVANT WORK EXPERIENCE

DevOps Engineer

Nova Tech Insights — 2023 - Present

- Implemented a recommendation ML model coupled with a DevOps approach to orchestrate container deployment on AWS via Terraform.
- Established CI/CD pipeline and utilized Terraform to automate and have reusable code to automate lifecycle.
- Implemented autoscaling, monitored with AWS CloudWatch, and collaborated on container security, resulting in an efficient, scalable, and reliable system.
- Developed a facial recognition system using Siamese neural networks with TensorFlow for application authentication.

Data Scientist/ML

6122 Media LLC — 2021 - 2022

- Designed and developed an innovative application for accurately determining body fat percentage.
- Leveraged machine learning techniques, hyperparameter optimization, cross-validation, feature selection, and engineering on a diverse dataset to achieve 95% model accuracy.

Engineer/Data Scientist

Streambio — 2015-2022

- Engineered bioreactors, optimizing biological process conditions.
- Designed and implemented cell counters and cell analysis software.
- Developed embedded systems to automate manufacturing processes.
- Utilized Python and machine learning models for data analysis and trend identification.