MATEO TOPETE

916-690-0434 Linkedin Mateottopete@gmail.com

PROFILE

Recent University Graduate with a bachelor's in computer science, specializing in Intelligent Systems. Experienced in Leading and organizing teams both casually and professionally/academically, whether strangers or close friends. Track record of being able to produce effective solutions and insight based on prior experience; and being able to research and gather information effectively when none is available.

SKILLS

- Python
- MySQL
- Pandas
- TensorFlow
- AWS/GCP
- Scikit-Learn
- Git
- ML/Dev Ops
- ML Flow

CERTIFICATIONS

AWS Developer Associate

DeepLearning.AI
TensorFlow Developer
Specialization

Machine Learning
Engineering for Production
(MLOps) Specialization

EXPERIENCE AND PROJECTS

MALMO Reinforcement Learning AI
School Project

Organized and was part of a team of fellow students to train an agent using Scikit-Learn on top of Microsoft's MALMO project for reinforcement learning in Minecraft. Leveraged Git hub for source control and maintained an organized timeline for meeting project deadlines.

Resnet Model Cloud Deployment with Google Cloud
Coursera Project

Throughout the course, trained and deployed a Resnet Model primarily using TensorFlow and its related libraries. Created an ML Ops pipeline in the cloud to train, validate, and save the model. Finally, deployed the docker container to a Google Kubernetes Engine cluster and launched a second, updated version using a canary release deployment strategy.

BERT Classifier Model Cloud Deployment with GCP
Google Cloud Skill-Boost Project

Used pre-trained BERT components from TensorFlow and tf.keras layers to train in Google Cloud's Vertex Notebook. Packaged the model into a Docker container and trained with Google Cloud Vertex AI. Ran a Kubeflow Pipeline on Google's Vertex Pipelines to train and deploy to a Vertex Endpoint.

Student Employee
UCI Dining | Irvine, CA
2019-2021

EDUCATION

Bachelors in Computer Science
University of California Irvine
Winter 2021-2022 Year