Steven Parra

Machine Learning Engineer
San Jose, CA
-Email me on Indeed: http://www.indeed.com/r/Steven-Parra/af5d81f37867322a

I'm looking for a Machine Learning Engineer position, especially in computer vision field.

Willing to relocate: Anywhere

Work Experience

Machine Learning Project Manager
GAF Technology Solutions
April 2021 to September 2021

Manage the company with stocks around $250,000 USD, design and execute short, medium and long term
objectives, in my period we could achieve 3 big software projects using Python, Flask, Docker, and Google Cloud Storage to collect and analyse financial data, using Machine Learning and manage the customers cycle to improve the quality of the customers 80% for our partners and reducing time of the process 90%.
- Control and monitor administrative, accounting, commercial and engineering activities composed of 7 collaborators, Exercise leadership and coordinated tasks using Agile according to the strategic objectives set.
- Head of the Analytics Department where we had to research and develop projects with 4.0 Technologies such as Artificial Intelligence where Tensorflow and Keras had been used to solve problems using Convolutional Neural Networks and Recurrent Neural Networks, data and Cloud Computing using Docker containers and Google Cloud Platform. Python was the main programming language.
- Pipelines to process documents were developed using Natural Language Processing tools by Google Cloud Platform.
- All technological projects administered using Agile methodologies with Jira software and Bitbucket (GIT).

Artificial Intelligence Developer
CK Marketer
March 2020 to February 2021

Project Development of 2 projects with technologies like Optical Character Recognition (OCR), Natural Language Processing (NLP) and Computer Vision (CV) using Google Cloud Platform (GCP) tools, with those projects the company was allowed to automate process of extract key information in real time for thousands pdf documents.
- Credit analysis through the use of Deep Learning with Tensorflow and Keras frameworks using Recurrent Neural Networks and Machine Learning with Scikit-Learn, ML models were runned in Docker containers.
- All technological projects administered with Agile methodologies with Jira software and Bitbucket (GIT).

Deep Learning Researcher
Colombian Air Force
August 2019 to July 2020

2 scientific articles and 6 technical reports were made regarding academic research projects using Deep Learning for analysis of satellite images.

- Management in Computer Vision projects using Python; development of super resolution techniques with
GANs and CONV Nets using Tensorflow and Keras frameworks to increase images quality, supervision of satellite image labelling tasks (more than 20.000 polygons drawn).
- Academic training for more than 25 personnel of the "Marco Fidel Suarez" Military Aviation School; Cadets
and Ensigns.
- Project development of $10,000 USD using Instance Segmentation (Mask R-CNN) techniques for the detection of illegal mining using satellite images from FACSAT-1 where mean average precision was 85%

Machine Learning Engineer
Omdena
May 2019 to July 2019

• Preventing Fire Sparked by Falling Trees Close to Power Stations to Save Resources and Lives.
• Machine Learning engineer in Omdena's collaborative tree identification challenge to prevent fire outbursts.
• Labelling of satellite images.

Education

Especialización terminada in Artificial Intelligence
Autonomous University of the West - Cali, Valle del Cauca
July 2020 to August 2021

Licenciatura terminada in Mechatronics Engineering
Autonomous University of the West - Cali, Valle del Cauca
January 2014 to October 2019

Skills

• Python
• C++
• MQL4
• Google Cloud Platform
• Jira
• Machine Learning
• Deep Learning
• Tensorflow
• Computer Vision
• Convolutional Neural Networks
• Keras
• Docker
• Generative Adversarial Networks
• Recurrent Neural Networks

- Natural Language Processing
- Arduino
- Sensors
- GIT
- English
- Spanish

Links

https://github.com/StraigenDaigen

https://www.linkedin.com/in/stevenparragiraldo/?locale=en_US