SERGIO OROZCO

Software Engineer

LANGUAGES

Python

C #

C++

ML LIBRARIES

Scitkit-Learn

Keras

Tensorflow

DATA LIBRARIES

Numpy

Pandas

MatPlotLib

CONTACT

📍 7216 S. Addison Court, Centennial, CO, 80016

📱 719-502-5692

✉ sorozco0612@yahoo.com

➤ sergio-orozco.com

PROFILE

I am an aspiring Machine Learning Engineer with a passion for Artificial Intelligence. I am a hard worker, I am not complacent, and I treat everyday as an opportunity to learn.

WORK EXPERIENCE

Sierra Nevada Corporation   Jun2019-Present
Software Engineer

- Develop front-end mission systems and simulated systems for the Department of Defense.
- Read from ICDs to develop plugins that emulate various hardware.
- Implement and integrate new features into existing projects that simulate the real world.
- Technologies: C#, Python, .NET Framework, Windows Presentation Forms (WPF), Windows Forms

PERSONAL PROJECTS

Criminal Detection on Social Media   Aug2019-Dec2019
Deep Learning

- Created a Deep Learning model to read tweets and accurately classify them between criminally suggestive and non-criminally suggestive tweets.
- Results: Achieved accuracy of 79.77 % on test data.
- Technologies: Python, Keras, Tweepy, Word2Vec, Natural Language Tool Kit (NLTK), Convolutional Neural Networks (CNN)
- Paper available upon request.

EDUCATION

University of Colorado at Colorado Springs   Aug2016-May2019
Bachelor of Science, Computer Science : GPA 3.68

United States Military Academy at West Point   Jun2015-May2016
Bachelor of Science, Computer Science : GPA 3.3