MAURICIO QUIROZ FLORES
DATA SCIENTIST

✉ mauricio.qf1@gmail.com 🌐 https://itspoluxtroy.wordpress.com/ 📞 5212471081283

in mauricio-quiroz-flores/ ⌗ PoluxTroy01

EDUCATION

Monterrey Institute of Technology and Higher Education
B.S Digital Systems and Robotics Engineering, Information Technology 2015

ITESM and AutoUni with Volkswagen
IT Security and Data Privacy, Information Technology 2015

PROJECTS

Deep Learning, NLP   Nov 2017 to Feb 2018

<u>Text Classification</u> - Develop a multichannel convolutional neural network for sentiment prediction on text movie review data.
<u>Language Modeling</u> - Create a word-based language model using a word embedding and a recurrent neural network.
<u>Image Captioning</u> - Craft a neural image caption generation model to yield a textual description of a given photograph.
<u>Machine Translation</u> - Implement a neural machine translation system for translating German phrases to English.

Machine Learning   Aug 2016 to Jul 2017

Car Aesthetics Analysis - Creation of a regression model that predicts the test time for each car configuration in the production line for CO_2 optimization.
Modeling Business Analytics - Building a classification model capable of discriminating against new startups.
Research Business Analytics - Evaluate and analyze characteristics of new startups, feature extraction for being able to invest in a safer way.
Sales Analysis - Craft a prediction model for the sales of a wide selection of products from a food chain.

SKILLS

PROGRAMMING SKILLS: Python, TensorFlow, Keras, R

EMPLOYMENT

ITESM   Puebla, Mexico
Math Teacher   Feb 2015 to Nov 2015
- Teach at high school level math courses through an online platform.

AWARDS

ITESM · Talent Scholarship   Jul 2010
70% scholarship for the entire career thanks to the Academic Talent Scholarship

ACTIVITIES

ISD career board member · Vice-president   2011 to 2012
ISD career board member · General Coordinator   2012 to 2013
Creation of the R-Troniks Congress · General Coordinator
Marketing, rising funds, seeking sponsors, event host.