

MAURICIO QUIROZ FLORES

DATA SCIENTIST

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Finding new ways and ideas to leverage the concept "Data as an asset", and a special proclivity in the development of tools for the contextualization of information.

■ EDUCATION

Monterrey Institute of Technology and Higher Education

B.S. Ingenieria en Sistemas Digitales y Robotica, Information Technology 2015

ITESM and AutoUni with Volkswagen

IT Security and Data Privacy Information Technology 2015

■ SKILLS

PROGRAMMING SKILLS: R, Python, JavaScript, HTML

■ EMPLOYMENT

ITESM

Math Teacher

- Teach at high school level math courses through an online platform.

Puebla, Mexico
Feb 2015 to Nov 2015

■ PROJECTS

CAR AESTHETICS ANALYSIS

- Creation of a model that predicts the test time for each car configuration.
- Manage the multidimensional dataset by implementing Machine Learning techniques.

May 2017 to Jul 2017

MODELING BUSINESS ANALYTICS

- Building a model capable of discriminating against new startups.

Mar 2017 to Apr 2017

RESEARCH BUSINESS ANALYTICS

- Evaluate and analyze characteristics of new startups, in the short and long term.
- Detecting key factors and thus being able to invest in a safer way.

Jan 2017 to Mar 2017

SALES ANALYSIS

- Solution to the Hackathon launched by the platform Analytics Vidhya.
- Predict sales of a wide selection of products from a food chain.

Dec 2016 to Jan 2017

FUMIGATION DRONE

- Design and implement a fumigation system that can be attached at a base of a drone.
- Collaborating with Risk Systems Robotix, developing the fumigation trajectory by GPS.
- Make the UAV completely autonomous

Aug 2015 to Dec 2015

■ AWARDS

ITESM · TALENT SCHOLARSHIP

70% scholarship for the entire career thanks to the Academic Talent Scholarship

Jul 2010

■ 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.