

# ALONSO GUTIERREZ

## MATHEMATICS STUDENT

@ alonsogutierrez94@gmail.com    ☎ (954)-513-9734    ✉ 6368 Epping Ct., Sanford FL 32771  
📍 Orlando, Florida (U.S)    🔗 redhoodtech.com    🐦 @AlonsoJGM    🔗 linkedin.com/in/alonso-gutierrez  
🐙 github.com/alonsojg



## PROJECTS

### Data Wrangling OpenStreetMap

#### Independent

📅 March 2017

- Cleaning and processing of OSM data with Python 2.7's xml.etree, sqlite3 and regex modules.
- Deploying custom terminal interface to ease transition of top elements in data from XML format to an sqlite3 protocol database.

### ML-Language Processing Enron Debacle Data

#### Independent

📅 May 2017

- Interpretation of the Enron scandal based on the companies' email data dumps publicized after the commercial-titan's fall.
- Utilizing Python 2.7's natural language toolkit (nltk) module, along with tf-idf technique for vocabulary pre-processing.
- Enhanced search ML classifier algorithms for machine learning, along with the primary component analysis, stratified data shuffling, grid-searching and score-based model-selection.

### Analysis with R and Rstudio

#### Independent

📅 May 2017

- Auditing and cleaning of bank loan data for exploratory purposes in loan fraud.
- Use of R and Rstudio for descriptive visualizations and simple statistics of this data's features..

## STRENGTHS

Python 2.7/3.6   R   SQLite   SQL   NoSQL   Git   Javascript

HTML/CSS/XML/JSON

Pandas   Numpy   Sklearn   Matplotlib   Rstudio

d3.js/dimple.js

Github   Jupyter Notebook   Google Cloud Platform

## LANGUAGES

English   ● ● ● ● ●

Spanish   ● ● ● ● ●

# EDUCATION

---

B.S. Mathematics

University of Central Florida

📅 August 2019 – 2021 (Ongoing)

Nanodegree Data Analysis

Udacity

📅 June 2017 – December 2017

-----

A.A. Biomedical Engineering

Florida International University

📅 August 2012 – 2010

# EXPERIENCE

---

Data Analyst Freelancer

📅 Ongoing

-----

Surgery Scope Technician

Proendoscopy, LLC.

📅 December 2015 – 2018

📍 Sunrise FL, U.S.

# MY LIFE PHILOSOPHY

---

*“No Problem is too large after breaking it down, and no mind too wide for any problem.”*

-----

-----