# TERRENCE EDMONDS

(813)-838-2025
terrenceedmonds31@gmail.com

GitHub:
/Terrence-Job-Code

Linkedin:
/terrence-edmonds-3a83a7148

Website:
terrence-edmonds-site.netlify.com

2101 Cumberland Ave
Apt 1104
West Lafayette, IN
47906

## Education

**Purdue University, West Lafayette, IN — MSc Physics, 2020**
- Emphasis on **computational methods** and **machine learning**

- GPA: 3.7

**University of Florida, Gainesville, FL — BS Physics, 2015**

## Experience

**Teaching Assistant, Purdue Physics; West Lafayette, IN — 2016-Present**
- Communicated methods of **problem solving** to students with an emphasis on breaking down complex problems into simpler parts

**Research Assistant, Purdue Physics; West Lafayette, IN — 2016-2019**
- Used **C++** and **ROOT** libraries to transform large complex data sets into smaller datasets for faster analysis time and smaller data storage

- Used **regression** and **statistical** analysis techniques to extract, fit, and transform raw data

- Developed **bash** scripts to automate time consuming and repetitious tasks

- Used **large computer clusters** to perform parallel analysis and analyze **TB data**

- Created and presented **visuals** of analysis and explained techniques used for analysis

## Ongoing Projects

**Face Identification**
- Built model to identify faces with 85% accuracy using Resnet

**Stock Prediction from News**
- Built webscrapers to collect news data from various websites

**Tweets indicating disaster**
- Achieved 79% accuracy for predicting if tweets are indicative of disaster

## Skills

C++, C, Python, Bash, Matlab, Big Data Analysis, Mathematical and Statistical Modeling, Sklearn, Tensorflow, Machine Learning, Data Mining, SQL