**THOMAS BACAS**

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Data Scientist

# PERSONAL PROFILE

Using data driven insights, I help business leaders answer difficult questions by finding creative solutions. I traverse the line of traditional financial analytics with innovative data science tools.

# SKILLS AND ABILITIES

## Languages:

Python, SQL, HTML

## Skills:

### -Machine Learning

-Neural Networks

-Natural Language Processing

-Webscraping/Data Wrangling

-Predictive Modeling

-Regression Analysis

-Financial Modeling

-Micro/Macro Economics

-Equity and Industry research

-Intermediate and Cost Accounting

**Program Experience:**

-Jupyter Workbooks

-Github/GitBash

-Scikit Learn

-GeoPandas/ArcGis

-Matplotlib/Seaborn

-Tableau

-MorningStar

-Bloomberg Terminal

-Adobe Creative Suite

-PC/MAC/Linux OS

### -Amazon Web Service

**EMPLOYMENT HISTORY**

**Data Science Immersive Program**

General Assembly | Aug 2018 - Present Participating in a full-time Data Science immersive program focused on real-world applications of data

science principles and best practices. This includes data acquisition, data cleaning and wrangling, predictive modeling, and visualization strategies.

Projects:

* Developed Bond Price predictions with Neural Networks and Times Series Analysis.
* Working with New Light Technologies and FEMA developed house damage valuations from Zillow.com for disaster impacted areas using API and GeoPandas.
* Produced code to Identify Subreddit origins using Reddit post contents, comments and Natural Language processing,

## Business Operations Analyst

### Sartomer Arkema Group | Jun 2017- Aug 2017

-Produced research at the discretion of the Global Director and members of the finance staff.

-Created original business materials for sales and finance departments.

-M&A Research chosen over outside investment bank, resulting in $250k savings.

## Equity Analyst

### Aegis Financial Corporation | May 2016 - Aug 2017

-Performed financial statement analysis.

-Built financial models.

-Wrote original research on sectors of interest at the direction of the investment manager.

# EDUCATION

## General Assembly

### Data Science Immersive

**Wofford College**

Class of 2017

Bachelor of Arts | Finance and Accouting