

Louis Donofrio

lvdonofrio14@gmail.com | (215) 272-3836 | Lansdale, PA 19446

LinkedIn: [louis-donofrio](#) | GitHub: [lvdonofrio14](#)

Analyst with a background in finance and skills in SQL, Python, AWS, Blockchain and Solidity from The University of Pennsylvania's FinTech Bootcamp. A lifelong learner with a passion for data analytics and technology. A team-oriented individual who provides outside the box thinking, creativity and a drive for problem solving.

SKILLS

Python, SQL, Machine Learning, Time Series Analysis, Pandas, Numpy, Smart Contracts, Anaconda, Solidity, Financial Modeling, Algorithmic Trading, Blockchain, Ethereum, AWS, NLP, Excel

PROJECTS

Crypto Analysis | <https://github.com/lvdonofrio14/Crypto-Analysis>

Data Analysis

- Pull in crypto currency data sets using Kaggle and APIs
- Slice and dice data and interpret findings
- Language: Python | Tools: Matplotlib, Pandas, Numpy, Plotly, Seaborn

Inflation & Machine Learning | <https://github.com/lvdonofrio14/Inflation-ML>

Machine Learning

- Attempt to find what investments would be most resilient to inflation using machine learning
- Language: Python | Tools: LinearRegression, LSTM, ARIMA, KMeans, Vader, Alpaca

Risky Business | <https://github.com/lvdonofrio14/Unit-11-Risky-Business>

Machine Learning

- Built and evaluated several machine learning models to predict credit risk from csv data
- Language: Python | Tools: StandardScaler, RandomForest, Classification, TrainTestSplit

WORK EXPERIENCE

Vanguard

Nov 2018 - Jul 2020

Randstad Financial Processor

Malvern, PA

- Performed various financial transactions including asset transfers, rollovers, check requests, fund exchanges and communicating with clients with over 100% efficiency and 90% adherence
- Spearheaded problem-solving meetings to find solutions and increase office efficiency among my team
- Devised and implemented a database within the contractor space to monitor reoccurring issues
- Tasked with handling specialized workload functions due to my efficiency and accuracy
- Trained other colleagues on specialized functions and baseloads

Independent Sports Analyst Group

Aug 2016 - Jul 2018

Data Analyst Contractor

Remote

- Worked with team to create a sophisticated sports algorithm to outperform the sports betting market

- Input data in a fast-paced high stakes environment
- Analyzed large data sets to find optimal solutions and gain an edge on the competition

University of Pennsylvania

May 2017- Aug 2017

Financial Intern

Philadelphia, PA

- Aligned with the Senior Director of Finance and Facility Management
- Projected beginning budgets for departments for the next fiscal year and entered into Microsoft Access
- Corrected tuition forecasting models in Excel to fix problems with formulas and increase the accuracy of the forecast
- Worked extensively with Microsoft Excel Pivot Tables and QlikView to analyze data
- Implemented a new database to track all aspects of relocation of facilities and equipment

EDUCATION

University of Pennsylvania, Philadelphia, PA

July 2021

GPA: 3.7

Certificate, Fintech

Pennsylvania State University, State College, PA

May 2018

GPA: 3.57

Bachelor of Science - Finance