Analyst with a background in finance and skills in SQL, Python, AWS, Blockchain and Solidity from Penn’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**

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

**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 | Libraries: 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 | Libraries: 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 - July 2020

*Randstad Financial Processor*  Malvern, PA

* Performed various financial transactions including asset transfers, rollovers, check requests, fund exchanges and communicating with clients
* 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 of 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 keep track of all the moves and furniture within facility management

**EDUCATION**

**University of Pennsylvania**, Philadelphia, PA

July 2020

Certificate, Fintech

**Pennsylvania State University**, State College, PA May 2018

Bachelor of Science - Finance

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