

VINYOU TAMPRATEEP

Strategy & Operations | Data Analyst

GitHub: <https://github.com/vtamprateep>

EXPERIENCE

Oscar Health, Inc. | Senior Analyst – Strategy & Operations | Nov 2020 – Present

- Investigate and amend thematic insurer to marketplace member data errors, supporting the recoupment of \$6.7M of pended premiums
- Coordinate with Engineering to implement and monitor nonpayment logic, ensuring timely notice delivery and member terminations
- Analyze transmission of EDI files to exchanges, escalating and investigating high volumes of file rejections and format errors

J.P. Morgan Chase & Co. | Associate – Internal Audit | Aug 2018 – Nov 2020

- Perform financial reconciliation and data validation on firmwide capital regulatory reporting exercises (e.g. CCAR/ICAAP)
- Conduct code review on stress test scripts for Market, Credit, and Liquidity teams to ensure capital reserves and overall risk are properly managed
- Audit business system logs to validate operational control effectiveness and investigate anomalous credit risk data feeds

PROJECTS

Python Algorithmic Trading Library | Developer

Develop package to execute trading strategies ([pypi.org/projects/algo-trade/](https://pypi.org/project/algo-trade/))

- Developed algorithmic trading package, supporting integration with the TD Ameritrade API to create and implement strategies
- Integrated back testing system, allowing users to test strategies and produce performance statistics, such as max drawdown and Sharpe ratios
- Deployed fully automated portfolio strategy on Google Cloud Platforms, using Pub/Sub and Cloud Functions, to manage over \$50,000 in assets

Machine Learning Incubator – Image Classification Model | Developer

Build end-to-end image classification model web application

- Implemented mini-batch neural network training, using data generators to efficiently train models on large datasets
- Designed flexible and executable packages, allowing users to train custom neural networks on a variable number of image classifications
- Developed web application using Flask to showcase image classification model, allowing users to upload, display, and classify personal pictures

ABOUT

I make sense of data and automate processes to drive business strategy, manage risk, and improve decision-making.

CERTIFICATION

Coursera:

Stanford Machine Learning

SKILLS

Languages:

Python
PostgreSQL/MySQL
Git/GitHub
JavaScript
ReactJS

Analytical Tools:

TensorFlow
Tableau
Periscope

Platforms:

Google Cloud Platform
Firebase

EDUCATION

The University of Texas at Austin
| 2015 – 2017

B.B.A. Finance, Investment Management

Minor in Computer Science