

Yiwen Luo

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EDUCATION

Carleton College, Northfield, MN

Expected June 2021

PROFESSIONAL EXPERIENCE

Data Science Intern, Labormatics, Alexandria, VA

Jun 2020 - Present

- Collected and analyzed large labor market datasets with **Python** to discover insights that will better inform clients and job seekers
- Constructed predictive models using a variety of statistical and machine learning techniques, assessing the best type of model to optimize model performance
- Developed and implemented databases, data collection systems, and data management strategies

Data Science Intern, Wells Fargo, Minneapolis, MN

Dec 2019 – Present

- Helped the Fixed Income Strategies Team integrate the market databases with in-house trading and credit scoring databases.
- Developed an automated **Python** web dashboard as a solution to speed up current trading execution times and reduce manual search time.
- Worked with senior analysts to develop new models and enhance the predictive capability of existing models by identifying new data sets.

Data Analysis Intern, Hyde Park Investment Services, Inc, New York, NY

Aug 2019 – October

- Gathered and compiled stock price data from primary and secondary sources, conducted data mining, data cleaning, and data cleaning automation with **Python**; financial statement analysis, equity research, and trading model construction with **Excel**
- Visualized cleaned-up data with **Tableau** and developed analysis to identify patterns, trends and appropriate descriptive metrics
- Formulated and reviewed executive memos and analytical reports with senior management to prepare presentations and deliverables to clients

Curricular and Research Data Assistant, Carleton College, Northfield, MN

Jul 2019 – Present

- Cleaned and visualized institutional datasets with **R** to identify and present existing behavioral patterns
- Set up user-interactive dashboards using **Tableau, R and Python**; delivered and presented final solutions to multiple college departments
- Developed **Tableau** training materials for faculty and prepared datasets for class and student research use

ADDITIONAL EXPERIENCE

IT Assistant, Carleton College Information Technology Service, Northfield, MN

Jan 2018 – Jun 2019

- Collaboratively supported college guests, faculty, and staff on college website publicity conference presentations with **Adobe Premiere** and **Photoshop**
- Assisted administrative works and college media database management with Google Drive.

Brand Marketing Intern, China Vanke Co., Ltd., Chengdu, China

Jul 2018 – Sep 2018

- Coordinated advertising agencies on marketing campaigns based on different project timelines
- Conducted external audit to finalize the marketing budget and track the marketing cost allocation

COURSEWORK / TECHNICAL SKILL

Technical Skills: **R (tidyverse, Shiny)**, **Python (Numpy, Pandas, Matplotlib, Plotly)**, **Java**, **MySQL**, **Tableau**, **Excel**

Coursework: Regression Analysis, Data Structures, Data Science, Sampling Methods, Probability, Investment Finance Theory