Andrew Park

Contact mkie0125@gmail.com andrewhwanpark.github.io 315-420-3740

Education

New York University - Stern School of Business | GPA: 3.76 | SAT: 2390
BA in *Computer Science*, BS in *Finance* | Class of 2021

Coursework

Basic Algorithms, Operating Systems, Regression and Multivariate Data Analysis, Theory Of Probability, Calculus 3, Linear Algebra, Discrete Mathematics, Computer Systems Organization, Data Structures, Equity Valuation, Principles of Security Trading, Corporate Finance, Foundations of Finance, Web Design Principles

Experience

NYU Stern School of Business Github | Spring 2020
Research Assistant *Python (Numpy, Pandas)*

- Worked under Professor Toomas Laarits to research pre-FOMC announcement drifts
- Given intraday prices of SP500 on FOMC announcement days and beta data, calculated long-short portfolio intraday returns (market open to announcement, announcement to market close), going short the bottom quintile and long the top quintile of stocks sorted by different beta data sets

Projects

Craigslist Redux craigslist-redux.herokuapp.com
React (Javascript), Express (Node), MongoDB

- Full-stack, fully featured, and functional recreation of Craigslist with in-app messaging, emphasis on product images, and simplified UI/UX

NYU Math Finance Group App app.mfgnyu.com
React (Typescript), Serverless, GraphQL

- Built functional components of a financial web app such as DCF calculator, Gordon growth model calculator and plotter, and Black-Scholes options calculator and plotter with two teammates

Dark Poole github.com/andrewhwanpark/dark-poole
Jekyll

- Created a permanent dark theme for static sites based on Poole
- Showcased on JAMstack Themes and Jekyll Themes

Craigslist Web Scraper github.com/andrewhwanpark/craigslist-scraper
Python (Selenium, bs4)

- Wrote program that scrapes title, price, all images, date, and description from Craigslist with customizable inputs and outputs as JSON file
- Used output as dummy data for Craigslist-Redux

Efficient Portfolio Optimizer github.com/andrewhwanpark/efficient-portfolio
Python (Quandl, Numpy, Pandas, Matplotlib)

- Wrote program that plots 50,000 imaginary portfolios comprised of random weights of desired stocks during any specified timeframe to generate an efficient frontier
- Plots capital allocation line, optimal and minimum variance portfolio

Languages

Javascript, Typescript, Python (Pandas, Numpy), Java, HTML/CSS, LaTeX