SIMON YANG

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EDUCATION

NYU Stern School of Business, New York, NY
BS in Finance and Data Science, Minor in Computer Science, Class of 2020
- **GPA:** 3.8/4.0, Dean's List all semesters
- **Coursework:** Data Structures, Machine Learning, Linear Algebra, Projects in Data Science, IT in Business, Statistics, Microeconomics, Macroeconomics

SKILLS

Languages: Java, Python, JavaScript
Frontend: HTML5, CSS3
Backend: SQL, MongoDB
Development Libraries: NumPy, SciPy, pandas, BeautifulSoup, sklearn, matplotlib, tweepy

PROFESSIONAL EXPERIENCE

Maritime Capital   New York, New York
Data Analytics Intern   June 2018–Aug 2018
- Automated weekly P&L report writing by making reusable plotting functions with python, pandas, and matplotlib, saving analysts one work day a week.
- Built a two-sigma model to detect anomalies in global bond spreads for traders using Python, pandas, and matplotlib.
- Built an ARIMA model to forecast bond yields in US markets using Python, pandas, and StatsModels

CreditEase   Beijing, China
Fintech Investment Fund Intern   May 2017–Aug 2017
- Released weekly newsletter on emerging US and EU Fintech companies by compiling information from Crunchbase, CBInsights, and TechCrunch
- Drafted a report detailing the impact of ICOs on the cryptocurrency market by scraping data from coinmarketcap.com as well as various articles
- Maintained fintech investments pipeline of 80 companies by tracking each one's deal flow progress for internal operations management

PROJECTS

NotForgotten Bot   Mar 2018
- Twitter bot that would automatically replied to users who tweeted at it with the number of school shootings, casualties, and injuries in a certain time frame. Created at the NYU Hackathon to help raise awareness on the impact of school shootings. Written in python using Tweepy.

Visa Web Scraper   Dec 2017–Jan 2018
- Wrote a web scraper in Python to track completion of my visa from the Czech consulate's webpage using BeautifulSoup libraries

Number Recognition   Dec 2017–Jan 2018
- Trained a number recognition model with 5000 20x20 images of handwritten digits using a regularized logistic regression model through Octave

ADDITIONAL INFORMATION

- **Languages:** English (Native), Chinese (Fluent)
- **Interests:** Piano (Pop and Classical, 13 years of experience), Fencing (high school A strip épée), Choir (member of the NYU University Singers), ESports, Cryptocurrency, Mechanical Keyboards