SIMON YANG

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EDUCATION

NYU Stern School of Business, New York, NY
BS in Data Science and Finance, Minor in Computer Science, Class of 2020

- **GPA:** 3.8/4.0, Dean's List all semesters
- **Coursework:** Computer Systems Organization, Decision Models & Analytics, Regression & Multivariate Data Analysis, Data Structures, Machine Learning, Linear Algebra, Statistics, Microeconomics, Macroeconomics

SKILLS

Languages: Java, Python, JavaScript, R, SQL
Development Libraries: pandas, NumPy, SciPy, BeautifulSoup, sklearn, matplotlib
Tools: Git, Linux, AWS

PROFESSIONAL EXPERIENCE

OWAL New York, New York
Software Developer Intern Oct 2018–Dec 2018

- Built a Slack chat bot to remind employees to complete their standups. Currently building an anomaly detector to find unusual object behavior in surveillance footage
- The Slack bot was built with Python and Slack's RTM API, and the anomaly detector is being built with Python, pandas, SQL, sklearn, and Statsmodels

Maritime Capital New York, New York
Data Analytics Intern June 2018–Aug 2018

- Automated weekly P&L report writing by packaging plotting software and built an ARIMA model to forecast US bond yields to detect anomalies
- The plotting software saved analysts multiple hours a week to compile reports, and the anomaly detector was able to detect multiple spikes, alerting traders
- Both built with Python, pandas, StatsModels, matplotlib, and sklearn

CreditEase Beijing, China
Fintech Investment Fund Intern May 2017–Aug 2017

- 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.

Song Explicitness Measurer Sep 2018–Oct 2018

- Rather than marking songs as explicit or not, the Song Explicitness Measurer can categorize songs into different groups based on explicitness. Built using Python, flask, Genuis API, and Algolia API

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:** Choir (member of the NYU University Singers), ESports, Cryptocurrency, Keyboard Shortcuts