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EMPLOYMENT

Data Scientist, Intern

Brick Accretive Management

September 2016 - Present

- Python programming for early-stage SaaS company that works alongside a fund
- Third person to join the team of a five-person startup (the fund and SaaS company together)
- Developed an unbiased sentiment algorithm that guides the positioning and risk profile of the fund
- The tool aggregates data to predict stock market trends, both intraday and over time
- Spent between four and twenty hours a week writing scripts to pull in unstructured data, score it, and then analyze it for trends
- Worked closely with the management on the business side of the startup

Software Engineer, Intern

Remedy Partners

May 2017 – August 2017

- Built an internal-facing website to host the reports generated by the analytics department
- The website automates the generation of many reports, allows data to be filterable, and highlights the most important points
- Worked on a team of five programmers, gaining experience writing production-level code, working on an agile development cycle, constantly getting feedback, and extensively using version control software
- Wrote the front-end and back-end myself using Clojurescript and Clojure

Data Analyst, Intern

Remedy Partners

May 2016 – August 2016

- Used Python in addition to Pandas, Numpy, and other statistic libraries extensively to analyze data, web scrape, and data mine in the healthcare sector
- Worked alongside senior data analysts to complete both short and long-term projects
- Helped transition their product to the commercial market

Technology Intern

Nannytucket

July 2015 – July 2016

- Redesigned website for startup with over 1,000 employees
- Acted as liaison between owners and outside company who programmed the website
- Gained extensive wireframe knowledge

Math Tutor

Tutoring Business

July 2014 – August 2014

- Created small math tutoring business teaching various subjects including ACT prep and college-level statistics

Research Assistant

Wildlife and Ecology Department, University Of Maine

June 2014 – July 2014

- Assisted Steven Coghlan, PHD and his graduate students on five different research projects, both in the lab and in the field
- Researched the effects of hydropower dams on the anadromous fish populations and the natural habitat of Maine

EDUCATION

New York, NY

The Fu Foundation of Engineering And Applied Science

Fall 2015 – Spring 2019

- B.S. in Computer Science, Dean's List, GPA: 3.73.
- Undergraduate Coursework: Data Structures; Advanced Programming; Developing On Linux Systems; Databases; Artificial Intelligence; Elements of Data Science; Making, Breaking Codes.

Columbia University

Leadership

- **Norwalk Grassroots Tennis** (2013-2015). Served as a mentor and academic tutor for underprivileged local children, tutoring a wide range of subjects from 9th grade math to SAT prep and college entrance exams.
- **Greens Farms Academy Math Team** (2011-2015). Captain 2015. Represented my high school in the only year the team has made it to the state competition, placing fourth out of sixteen teams (2014).

Honors

- **The Susan Conlan Award for the Study of Mathematics** (2015). Awarded to one high school senior.
- **Darien Youth Civic Award** (2014). Awarded to one student in Darien with the most impressive community service record. Presented Norwalk Grassroots Tennis with \$1000 prize.

Languages and Technologies

- **Python** (Experienced), **Clojure/Clojurescript** (Experienced), **Pandas** (Experienced), **C** (Intermediate), **Java** (Intermediate), **C++** (Intermediate), **HTML** (Familiar), **Javascript** (Familiar)
- **Git** (Experienced), **Linux** (Experienced), **Unix** (Experienced), **Emacs** (Experienced), **SQL** (Intermediate)