

Education

Carnegie Mellon University, Dietrich College of Humanities and Social Sciences

Quantitative Social Science Scholars Program

- Bachelors of Science in Statistics and Machine Learning
- Pursuing double major in Computer Science
- GPA: 3.40/4.00

Graduation: May 2018

Pittsburgh, PA

Coursework

- Principles of Imperative Computation
- Principles of Functional Programming
- Algorithm Design and Analysis
- Introduction to Machine Learning (Masters)
- Advanced Methods in Data Analysis
- Modern Regression I & II
- Dynamic Network Analysis (PhD)
- Special Topics: Data Mining

Experience

BlackRock, Risk and Quantitative Analysis Intern

Monitor and quantify risk across funds and company functions

- Presented unsupervised machine learning approach to competitor analysis
- Redesigned and automated weekly processes and meeting dashboard using VBA
- Reduced runtime of R simulations and improved on existing Shiny applications

Summer 2017

New York, NY

GenAMap, Research Assistant

Machine Learning Department, Carnegie Mellon University

- Contributed to modern web app making machine learning accessible to biologists
- Designed and implemented data visualizations for genetic information using D3
- Learned how to work on large scale software project with diverse team

Fall 2016

Pittsburgh, PA

Habeas Corpus, Research Assistant

Machine Learning Department, Carnegie Mellon University

- Utilized existing research tools to compare efficiency of ontology classification
- Developed an automated online ontology editor using D3 and MATLAB
- Communicated concise findings to drive direction of our research

Summer 2016

Pittsburgh, PA

TravelWits, Product Development Intern

Multimodal travel and budget vacation planning startup

- Made data-driven decisions to improve user experience and acquisition
- Carried out experiments to improve SEO rankings and domain authority by 60%
- Monitored and assessed user interaction to improve retention rates

Jan 2016 – May 2016

Pittsburgh, PA

Leadership

BlackRock OUT Network, Intern Volunteer

Served as liaison between BlackRock LGBT+ network and OUT intern class

Summer 2017

New York, NY

Carnegie Mellon First Year Orientation, Orientation Leader

Oversee and organize group of counselors to help students transition to college life

Aug 2015 – Present

Pittsburgh, PA

Alpha Sigma Phi, Secretary

Fraternity founded on principles of silence, charity, purity, honor, and patriotism

Aug 2017 – Present

Pittsburgh, PA

Technical Skills

Data Science: Extensive experience using R for analysis, inference, and machine learning

Programming: Experience using Python, C, SQL, Javascript, D3, and HTML/CSS across coursework and personal projects