VALA ZEINALI

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EDUCATION

Masters of Science in Data Science   *August 2020 - December 2021*
Dartmouth College, Hanover, New Hampshire.

Bachelor of Science in Computer Science   *August 2017 - May 2020*
Minor in Applied Mathematics
Kent State University, Kent, Ohio. GPA : 3.6

SOFTWARE TOOLS

Platforms   Python, MySql, R Studio, Excel, LaTeX.

WORK EXPERIENCE

Quantitative Researcher Intern, AQIS LLC   *August 2020 - Present*
Recently started interning at AQIS, a quantitative hedge fund focused on systematic long/short equity investing in the U.S. markets. I am working on optimizing their current systematic models and building new systematic models.

Quantitative Analyst Intern, Boyd Watterson Asset Management   *Summer 2020*
Building mathematical models to identify profitable long/short signals for fixed income securities, analyzing and adjusting model performance, and communicating results to senior quants and VP's.

Research Assistant, Carnegie-Mellon University   *Summer 2019*
Helped world renowned professor, Jim Herbsleb, in the School of Computer Science mine, clean, and model data using machine learning techniques. Our research aims to find key variables in open source software ecosystems that increase the probability of a software startup succeeding after inception.

Quantitative Analyst, AlgoTech Financial   *Fall 2018 - Spring 2019*
Helped AlgoTech Financial, a startup quantitative trading firm, with creating mathematical models, building software to analyze daily PnL, and analyze overall algorithm performance.

TEACHING

Undergraduate Teaching Assistant   *Fall 2018 - Spring 2020*
Served as a teaching assistant for 27 credits (7 classes) of introductory level probability & statistics (5), calculus based probability & statistics (1), and business calculus (1).

Mathematics Tutor   *Spring 2018 - Spring 2020*
Employed through the Academic Success Center. Help students by taking complicated topics and finding ways to break them down in a way that makes the most sense to the student. Our goal is to foster independent learning.

LEADERSHIP POSITIONS

Student Body President   *Spring 2019 - Spring 2020*
Student government. Campaigned and elected by undergraduate student body of Kent State University. Worked with higher administration to scale up our initiative of providing free menstrual products at Kent State. Help develop survey to gather both quantitative and qualitative data on menstruation. The data was analyzed and presented in pitch-book form to higher administration to secure more funding for our Period Project initiative. Created an app to track closest dispensers. Was recognized in Wall Street Journal.

Director of Business & Finance   *Spring 2018 - Spring 2019*
Student government. Campaigned and elected by the undergraduate student body. Handled a 7 figure budget used for events for the student body, as well as, funding students to go to conferences. Created UI and database to store allocation applications digitally, opposed to previous paper method.