

VALA ZEINALI

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EDUCATION

Masters of Science in Data Science
Dartmouth College, Hanover, New Hampshire.

Fall 2020 - Spring 2022

Bachelor of Science in Computer Science
Minor in Applied Mathematics
Kent State University, Kent, Ohio. GPA : 3.6

Fall 2017 - Spring 2020

SOFTWARE TOOLS

Platforms Python, MySQL, R Studio, Excel, L^AT_EX.

WORK EXPERIENCE

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 startup project 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. Currently working 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. 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.