MEHDAD ZAMAN

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EDUCATION

Stony Brook University, Stony Brook, NY (GPA: 4.00)   Expected May 2022
Computer Science, Bachelor of Science

Related Coursework: Algorithms, Data Structures, Software Engineering, Data Science, Mobile App Development, Computer Networks, Software Development, Introduction to Computer Systems, Computer System Fundamentals, Programming Abstractions, Object Oriented Programming, Probability and Statistics, Linear Algebra, and Applied Combinatorics

EXPERIENCE

Morgan Stanley, New York, NY   June 2021 – August 2021
Technology Summer Analyst
- Enabled prime brokers at Morgan Stanley to view and query data regarding 100+ metrics about all their hedge fund clients in one platform by building and deploying the front end of the prime analytics report builder application using Angular and TypeScript
- Allowed prime brokers to forward queried data to their clients by implementing an excel exporting feature in the prime analytics application
- Lead a team to win first place out of 30 teams in the North American region of the Morgan Stanley competitive AI competition

Stony Brook University, Stony Brook, NY   January 2021 – Present
Undergraduate Teaching Assistant
- Helped 170 students succeed in Algorithms (CSE 373) and Applied Combinatorics (AMS 301) by assisting students with course material during review sessions, office hours, and in online class discussion forum
- Maintained continuity of the course by grading assignments and proctoring exams

Moody's Analytics, New York, NY   July 2019 – August 2019
Financial Engineering Intern
- Aggregated data from legacy data feeds under mortgage backed and asset backed securities teams using SQL
- Assisted in the critical data migration project for all structured finance teams by mapping 3,000 deals from the data feed of an acquired company to Moody's database using internal software

EcoHealth Alliance, New York, NY   July 2018 – August 2018
Data Analyst Intern
- Supplied researchers with tools for predictive modeling by automating the data processing of 300 surveys, regarding climate change and infectious diseases, in RStudio
- Provided insights to scientists and clinicians for future research projects involving models to predict outbreaks in rural regions of Malaysia by using R to clean and create graphical visualizations of data

Network for Teaching Entrepreneurship, New York, NY   July 2017 – September 2017
Team MasterCard Intern
- Lead a team of high school students mentored by business professionals and software engineers from the MasterCard technology hub to create a business plan and a social journaling app using HTML, CSS, and JavaScript
- Won third place in Startup Tech Summer pitch deck competition at AppNexus

HONORS

INROADS Fellow, *INROADS*   October 2019 – Present
Presidential Scholarship, *Stony Brook University*   August 2018 – Present
Academic Excellence Award, *Stony Brook University*   February 2020, February 2021
Best Nutritional Hack at HackHealth, *Stony Brook University*   February 2020
Third Best Business Pitch Deck and Application, *Network for Teaching and Entrepreneurship*   September 2017

SKILLS

Java, Python, Android development, C, JavaScript, TypeScript, MongoDB, Express, React, Node, Angular, Swift/XCode, SQL, R, HTML, CSS, and XML