Disha Srivastava

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San Ramon, CA

Education

University of Massachusetts, Amherst   Expected Graduation: December 2021
Major: B.S. Data Science and Economics | **Minor**: Computer Science | Recent GPA: 3.5/4.0

Relevant Coursework: Data Structures II, Programming Methodology, Predictive Analytics with Python, Networked World, Big Data Economics, Computer Systems Principles, Econometrics, Data Visualization and Exploration (Graduate), Game Theory, International Economy, Survey of Digital Behavioral Data, Data Driven Storytelling, Human-Computer Interaction
Awards: Dean's Award for Outstanding Leadership, Rewriting the Code Fellow

Work Experience

Software Engineering Intern, Liberty Mutual Insurance | *Seattle, WA*   June 2020 – Present
- Individual Contributor on an Agile Development Squad within Global Retail Markets Agents & Partners Technology Group
- Employ a user-centric design model to create software which supports enterprise employees to reach to quarterly objectives
- Accelerate data ingestion throughput of existing web applications by 6% through Java Module enhancement implementations
- Identify, expose, & remediate data inconsistencies in log management tool, Splunk, for end-to-end data pipeline support practices

Career Developer, College of Information and Computer Science Careers | *Amherst, MA*   September 2020 – Present
- Analyze career engagement data from Tableau/Google Analytics to create data visualizations which lead to strategic decisions
- Engage in empathetic relationship-building with over 50 employers to research and map specific pain points and hiring practices
- Deploy A&B testing experiments to measure scalability/engagement, identify gaps in resources, and determine strategy direction

Technical Leadership

Product Manager, BUILD UMass | *Amherst, MA*   April 2020 – Present
- BUILD UMass creates easy-to-use and personalized technology for local small businesses in the Town of Amherst
- Define the product strategy and roadmap by researching and diagnosing client's specific use cases and customer demographics
- Correlate between client and team of software developers to transform business needs into focused technical solutions
- Run pilot programs with early-stage implementation of technical solutions to measure success and identify improvements

Director, Hack(H)er413 | *Amherst, MA*   March 2019 – April 2020
- Orchestrated the second year of the first all-women and non-binary 300+ student hackathon in Western Massachusetts through leading a cross-functional team of 20 students in creating and accelerating communications, financials, technology, and hardware
- Increased sponsorship funding by $16,500 through designing a sponsorship proposal powered by a targeted economic pricing model and specific wrangled data insights demonstrating sponsor impact on attendees and key engagement deliverables

Projects

#DevelopHER, Twitter | *San Francisco, CA*   June 2020
- Utilized Python 3 and Java 8 to successfully complete and win 1st place in a coding challenge created by Twitter Engineers as one of 40 attendees selected from an applicant pool of 1,000+ to attend a two-day interactive program for computer science students

DeepCheck, TechTogether Boston | *Boston, MA*   March 2019
- Created a machine learning embedded web portal for firearm vendors to conduct modern background checks through scanning an applicant's Twitter profile for tweets encouraging offensive or violent behavior of any form
- Implemented the Twitter Developer API to gather a specific user's array of tweets and developed a Natural Language Processing Machine Learning model in Python which scans the array for offensive language or hate crime encouragement
- Powered DeepCheck through Microsoft Azure's Machine Learning Services and Web Application platform to win Microsoft's Azure Champ Challenge along with mentorship and opportunity for Seed Funding from Underscore VC to launch project

Skills and Interests

Technical Languages & Technologies: Java, Python, SQL, React, Azure, Splunk, REST APIs, Figma
Analytical: Market Mapping, Data Visualizations, Behavioral Economics, A/B Testing, User Research & Strategy
Interests: Consumer Technology, Ethics in Computing, Big Data Economics