Susmitha Shailesh

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EDUCATION

Stevens Institute of Technology | Hoboken, NJ   **GPA:** 4.0
Master of Business Administration in Analytics   **Expected Graduation:** May 2023
Bachelor of Science in Computer Science, *Minor in Science, Technology, and Society*   **Graduation:** May 2022

SKILLS

Programming: Python, R, Java, SQL, C++, C, JavaScript, HTML, CSS
Technologies: Microsoft Suite, Google Suite, Github, Tableau, Figma, Power BI, Azure DevOps, Jira, Google Analytics

WORK EXPERIENCE

EY - *Technology Consulting Intern*
1 Manhattan West, New York, NY   June 2022 - August 2022
- Worked in a cross-functional team to aid client with a technology transformation of their Ecommerce platform
- Organized daily Scrum standups and managed Kanban boards for multiple development teams and workflows
- Constructed presentation materials on EY's cloud computing capabilities based on market and internal research
- Developed DevOps framework for client and wrote guide to train them in Agile development process

DigitalCoach Senior Design Project - *Product Manager*
Stevens Institute of Technology, Hoboken, NJ   August 2021 - May 2022
- Built interview preparation website that uses Machine Learning to empower users with instant feedback
- Interviewed stakeholders to identify pain points and define necessary features for the minimum viable product
- Composed use cases and user stories, and defined key performance indicators to track product success
- Designed the user interface of website using Figma and established the color scheme and branding for company
- Won competition for Best Senior Design Project in Computer Science Department based on presentation and pitch

DCInbox.com Data Analysis - *Research Assistant*
Stevens Institute of Technology, Hoboken, NJ   June 2019 - August 2019, June 2021 - August 2021
- Designed website that allows researchers to search a regularly-updated SQL database of all of the emails for a specific word or phrase, while also being able to sort by several parameters and visualize the data found
- Scraped data from several thousand emails sent from Congresspeople, and analyzed this data using Python Natural Language Toolkit to yield insights that constituents can use when voting

NUKEMAP Data Visualization *- Research Assistant*
Stevens Institute of Technology, Hoboken, NJ   May 2020 - August 2020
- Modeled a nuclear explosion to predict the number of casualties it would cause based on population density data
- Wrote SQL queries to identify all coordinate points in a database that satisfied a complex 3D geometry equation
- Familiarized myself with XAMPP servers & created PHP script to connect to server and access an SQL database
- Studied data visualization principles to learn effective communication through web-based interactive visualization

LEADERSHIP EXPERIENCE

Computer Science Department - *Teaching Assistant*
Stevens Institute of Technology, Hoboken, NJ   August 2020 - Present
- Facilitated in teaching topics such as Python syntax, sorting, recursion, and basic data structures and algorithms
- Constructed exam questions regarding number theory, graph theory, propositional logic, induction, and counting

Sigma Delta Tau Sorority - *Vice President*
Stevens Institute of Technology, Hoboken, NJ   January 2021 - July 2022
- Managed a 19-member board to facilitate alumni relations, philanthropy efforts, and other essential operations
- Supervised the planning of 15 events focused on community relations, personal growth, etc. for 50-75 people

Office of Student Life - *Peer Leader, Team Lead*
Stevens Institute of Technology, Hoboken, NJ   May 2019 - May 2022
- Assisted in organizing orientation events for 1000 first-year students & quickly adapting them to a virtual setting
- Mentored and supported a group of 25 Computer Science students throughout their first semester at Stevens

Available Fall 2023 | U.S. Citizen