Anjali Mehta

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Education

University of Virginia   Charlottesville, VA

Bachelor of Science in Computer Science Engineering, Minor in Data Science; GPA3.684   *Aug. 2021 – May 2025*

Relevant Coursework: Computer Systems and Organization, Software Development Essentials, Data Structures and Algorithms, Discrete Mathematics, Probability, Foundations of Machine Learning, Data Privacy Protection

Involvements: Alpha Omega Epsilon, Indian Student Association, UVA Engineering Guides, Alternative Spring Break, Biokind Analytics

Technical Skills

Languages: Java, Python, C, SQL, JavaScript, HTML/CSS, R, Matlab
Developer Tools: Git, VS Code, PyCharm, IntelliJ, Eclipse, RStudio, Jupyter Notebooks
Libraries: Pandas, NumPy, Matplotlib

Experience

Data Science for the Public Good Intern   June 2023 – Present

UVA Biocomplexity Institute   *Arlington, VA*

- Developed a classifier model using multiple predictors to evaluate the economic landscape of minority-owned businesses in Fairfax County
- Assisted in the design and implementation of data preprocessing pipelines to clean, transform, and integrate various data sources
- Utilized machine learning, web scraping, statistical modeling, geolocation, and natural language processing models
- Contributed to the creation of visually engaging data visualizations and interactive dashboards to present insights and trends to stakeholders: Business Climate Website

Membership Educator   Sep. 2022 – Present

Alpha Omega Epsilon   *Charlottesville, VA*

- Responsible for educating and engaging 40+ new members on sorority policies and engagements

Social Media Analyst   July - August 2020

Casepoint LLC   *McLean, VA*

- Collected quantitative and qualitative data from marketing campaigns to analyze data from social media traffic to create relevant content.
- Managed content data to develop media plans with a focus on increasing awareness and engagement using Excel

Publications

"The Threat of Facial Recognition Technology"   May 2023

UN Science Technology Innovation Forum   *New York City, NY*

- Submitted policy brief and presented at the UN forum. This publication highlights the risks of facial recognition technology and proposes crucial policy recommendations for consideration by the international community.

Projects

BioKind Analytics | *Python, R*   July 2023

- Examined the relationship between altriusm towards healthcare non profits and certain economic indicators
- Explored relationships utilizing publicly accessibly data to analyze trends and present findings BioKind Website

Wordle | *Java, JavaFX*   May 2023

- Developed a fully functional Wordle game using test driven development
- Utilized back-end development skills to design the game mechanics and JavaFX to create an intuitive GUI

Course Review | *Java, JavaFX, SQL*   May 2023

- Collaborated on an interactive course review application GUI, utilizing a Three-Layer Architecture.
- Leveraged SQL tables to manage and interact with the course review data, enabling efficient storage and retrieval.