

# ANJALI MEHTA

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## EDUCATION

### University of Virginia

Charlottesville, VA

*Bachelor of Science in Computer Science Engineering, Minor in Data Science; GPA 3.65*

*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 altruism 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.