

ANJALI MEHTA

anjali8203@gmail.com | [linkedin.com/in/anjali8203](https://www.linkedin.com/in/anjali8203) | github.com/anjali8203



EDUCATION

University of Virginia

Charlottesville, VA

Bachelor of Science in Computer Science Engineering, Minor in Data Science; GPA 3.743

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, AI

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

TECHNICAL SKILLS

Languages: Java, Python, C, SQL, JavaScript, C#, R, Matlab

Developer Tools: Git, VS Code, PyCharm, IntelliJ, Eclipse, RStudio, Jupyter Notebooks, Microsoft Azure, Kubernetes

Libraries: Pandas, NumPy, Matplotlib

EXPERIENCE

Software Developer Intern

May 2024 – Present

AVEVA

Philadelphia, PA

- Developed and maintained cloud microservices in C# using Kubernetes clusters.
- Streamlined code integration and deployment with pipelining techniques using GitHub and CI/CD practices.
- Worked on three critical microservices:
 - * Persisting user preferences across sessions by leveraging Azure Blob Storage for data storage and retrieval.
 - * Analyzing and reported the health of other microservices using Managed Prometheus and Grafana for monitoring and visualization of Kubernetes cluster health.
 - * Reporting logging service data to customers, allowing them to access logs stored in Azure Data Explorer.

Data Science for the Public Good Intern

June 2023 – January 2024

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](#)

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.