Anjali Mehta

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github.com/anjali8203

Education

University of Virginia Charlottesville, VA
Bachelor of Science in Computer Science Engineering, Minor in Data Science; GPA3.743 *Aug. 2021 – May 2025*

Organizations: Public Policy for Engineers, Alpha Omega Epsilon, Indian Student Association, UVA Engineering Guides, Alternative Spring Break, Biokind Analytics

Technical Skills

Languages: Java, Python, C, JavaScript, C#, R, PowerShell
Developer Tools: Git, VS Code, PyCharm, IntelliJ, Eclipse, RStudio, Jupyter Notebooks
Libraries: Pandas, NumPy, Matplotlib, PyTorch
Cloud Technologies: Microsoft Azure, Kubernetes

Experience

Software Developer Intern May 2024 – August 2024
AVEVA *Philadelphia, PA*

- Actively participated in an Agile team and contributed to all Scrum ceremonies.
- Participated in implementing new microservice offerings for a customer portal. These services include log access, surfacing health of a kubernetes environment, and storing user portal preferences.
- Enhanced logging data across the cloud platform by automatically adding geographic region to all logs produced in a Kubernetes cluster.
- Improved the automated deployment of cloud microservice resources like Azure Data Explorer tables using YAML pipelines and PowerShell so that reproducable outcomes were achieved; this replaced an error-prone manual process.
- Successfully created a local Kubernetes development environment, minikube, to faciliate implementation tasks.
- Major contributer to the reorganization of the team's onboarding documentation (wikis) by cherry-picking Best Practices from available wikis and tailoring it to the team.
- Worked on Unit Tests for several microservices to improve code coverage.

Data Science Intern June 2023 – January 2024
UVA Biocomplexity Institute *Arlington, VA*

- Developed a classifier model using Python and R, leveraging multiple predictors to evaluate the economic landscape of minority-owned businesses in Fairfax County.
- Assisted in the design and implementation of data processing workflows to clean, transform, and integrate various open-source data sources.
- Utilized machine learning and statistical modeling for creating predictor models, web scraping for data collection, census data, and natural language processing models to enhance the analysis.
- Contributed to the creation of 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.
- Conducted independently as part of the selective Public Policy for Engineers Program.

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