

SNEHA UPPU

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EDUCATION

The George Washington University, School of Engineering & Applied Science
Master of Science in Computer Science

Washington, DC
May 2026

- Courses: Neural Networks and Deep Learning, Machine Learning, Database Systems II, Cloud Computing.
- Honors: SEAS Merit Award.
- GPA: 3.66.

TECHNICAL SKILLS

- **Programming & Database:** Python, R Programming, SQL, MySQL, PostgreSQL.
- **AI & ML:** Tensorflow, Keras, PyTorch, Scikit-Learn.
- **Data Visualization:** Matplotlib, Seaborn, Tableau, Power BI.
- **Tools & Platforms:** Salesforce, Jira, Google Firebase, AWS, Microsoft Office.

RELEVANT WORK EXPERIENCE

Thaddeus Resource Center

USA

Data Science Intern

November 2025 - Present

- Integrated datasets from surveys, CRM logs, and engagement records, preparing high-volume information for program evaluation.
- Identified trends in participant progress through exploratory analysis and ML models, supporting evidence-based planning.
- Automated recurring data collection tasks, cutting manual reporting time by 30%+ and improving workflow reliability.
- Collaborated with program teams to prioritize metrics and shape dashboards highlighting key insights for decisions.

PricewaterhouseCoopers (PWC - AC)

Bangalore, India

Salesforce Intern

February 2024 - August 2024

- Verified and structured 10,000+ CRM entries, raising accuracy across sales forecasting and client pipeline reporting.
- Built dashboards and analytical summaries for consulting teams, strengthening data-centered strategy discussions.
- Coordinated task tracking across cross-functional groups through Jira, improving sprint visibility and turnaround speed.
- Produced 20+ QA documents with detailed validation steps, standardizing quality checks across reporting workflows.

TECHNICAL PROJECTS

FAERS Drug Symptom Safety Analysis

March 2025 - Present

- Processed 18M+ adverse-event reports, uncovering drug-symptom patterns and dosage-linked escalation signals.
- Standardized nearly 1M drug and dosage entries, enhancing consistency across all analytical stages.
- Analyzed dose-response behavior and interaction effects, revealing symptom escalation across higher dosage ranges.
- Built Plotly dashboards for exploring dose variability, symptom frequency, and interaction signals.

Similar Image Finder

February 2025 - April 2025

- Generated CLIP embeddings for 21,000+ images, enabling precise semantic similarity search across large datasets.
- Applied KNN with cosine distance, achieving 0.91 mean similarity across 1,000 evaluation queries.
- Developed complete retrieval pipeline in PyTorch and Scikit-learn and visualized comparisons through Matplotlib output.

CAMPUS EXPERIENCE

The George Washington University

Washington, DC, USA

Data Support Assistant - GWU Libraries

January 2025 - Present

- Analyzed around 50,000 circulation and usage records, surfacing demand patterns guiding collection planning and acquisition choices.
- Structured and validated logs for returns, fines, and inventory activity, boosting accuracy across operational reporting workflows.