

Adarsh Gogineni

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EDUCATION

Stevens Institute of Technology

Hoboken, NJ

Master of Science in Machine Learning | GPA: 3.8/4.0

Graduation Date: May 2025

- **Relevant Coursework:** Foundations of Machine Learning, Knowledge Discovery and Data Mining, Web Programming

Rutgers University, School of Engineering

New Brunswick, NJ

Bachelor of Science in Electrical and Computer Engineering; Computer Engineering Concentration

Graduation Date: May 2020

Minor in Computer Science | GPA: 3.44/4.0 | Honors: Magna Cum Laude, Dean's List

- **Relevant Coursework:** Software Engineering, Operating Systems, Data Management, Algorithms, Numerical Analysis, Intro to AI

TECHNICAL SKILLS

Programming: Python, R, SQL, Javascript, HTML, CSS

Applications: Jupyter Notebook, MySQL, MongoDB, NodeJs, Git, GitHub, Amazon Web Services (AWS), Tableau, Microsoft Office

Operating Systems: Windows, Linux, MacOS

Programming Libraries: Scikit-Learn, NumPy, Matplotlib, OpenCV, Keras, TensorFlow, Pandas, Pygame, Bootstrap

RELEVANT WORK EXPERIENCE

Xlysi LLC

Chicago, IL

Data Engineer | Client: CDW

March 2022 – May 2023

- Designed, developed, and maintained multiple scalable ETL Pipelines in SSIS and Azure Data Factory
- Performed data analysis, preparation, cleaning, integration, and automation of billions of records from heterogeneous sources
- Ensured daily data integrity and system availability with all projects
- Created, modified, and updated large scale SQL scripts aggregating billions of records including Sales, Marketing, and Customer data
- Modified data models and schemas based on business and engineering requirements, automating many manual tasks
- Trained Neural Networks with Keras on the preprocessed data while considering the gradient descent variations
- Developed and extended many design processes, frameworks, and reusable components for use in various data engineering functions

LIGL

Austin, TX

Technical Support Engineer

January 2021 – March 2022

- Planned and developed programs (SQL and Python) to compile data from all aspects of a legal case lifecycle, from initial complaint to analysis and review, into an interactive dashboard
- Processed datasets with thousands of files in order to import data with the correct format into company databases
- Wrote SQL queries to extract PII's (Personally Identifiable Information), automate retrieval of key metrics, and solve support tickets
- Worked with niche in house proprietary programs (DataNavigator, Automate, and Totalhold) to individually suit a client's needs and produce real time dynamic case reports
- Worked with partners such as NuiX, Relativity, NeConnective, EnCase Forensic, IPro, and Clairvoya
- Day to day activity monitoring and problem-solving involving security keys, crashes, and data sorting/manipulation, SQL server replication and taking adhoc backups

PROJECTS

Anime Recommender System | [GitHub](#)

December 2023 – January 2024

- Preprocessed and developed a machine learning-based Anime Recommendation System using Cosine Similarity to suggest titles based on user preferences using Python.
- Implemented an efficient, scalable model and user-friendly interface, focusing on real-time anime recommendations using Flask.

Home Monitoring and Hazard Prevention System | [GitHub](#)

January 2019 – May 2019

- Implemented various sensors with the Arduino NodeMCU WiFi modules to detect signals around the house such as gas leaks, floods, and break-ins
- Connected sensors to a basic android app built on Android Studio, backed by Google Firebase, to send warning notifications to users when sensors pick up signals in the house

CAMPUS EXPERIENCE

Stevens Institute of Technology

Hoboken, NJ

Graduate Admissions Office – Student Worker

September 2023 – Present

- Generated performance reports using excel pivot tables and data analysis; resulted in a 15% decrease in applicant decision delays
- Supported the Office of Graduate Admissions by providing daily operational assistance, resulted in a 25% reduction in administrative backlog and improved workflow management effectiveness and efficiency

ACTIVITIES

Academic Operations and Affairs Committee (AOAC), Stevens Men's Club Volleyball, NJ Tri-State Volleyball Club