

ADITYA GOLLAMUDI

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EDUCATION

Texas A&M University

Aug. 2022 – May 2026

Bachelor of Science in Computer Science, Minors in Statistics and Mathematics; GPA: 3.8/4.0 College Station, TX

- Organizations: Aggie Data Science Club (Project Manager), Aggie Coding Club, TAMUhack, Tidal AI

EXPERIENCE

AI/ML Intern

June 2024 – Present

Zoom My Life

San Jose, CA

- Developed and implemented a Natural Language to SQL (NL2SQL) conversion agent using Large Language Models (LLMs), enhancing data query efficiency for non-technical users.
- Conducted research and authored a paper on fine-tuning LLMs for enhancing AI responses to health-related queries through fine-tuning with family history, test history, and PII data grounding.
- Identified and pursued relevant conferences and national funding opportunities (NSF, DoH) for research presentation and support.

AI Engineering Intern

May 2024 – June 2024

Cuvasol

Remote

- Extracted relevant skills and experience from uploaded resumes using LLMs, and generated technical and non-technical interview questions with Retrieval-Augmented Generation (RAG), optionally based on job descriptions.
- Developed a React and MySQL-based upload button to streamline resume submission and processing.
- Enhanced AI interview capabilities by integrating advanced data extraction and question generation techniques.

Undergrad Research Assistant

May 2019 – July 2019

University of Iowa

Remote

- Conducted advanced photon-based Quantum Computing research under Dr. Ravi Teja Uppu.
- Developed and implemented image processing techniques using NumPy and OpenCV in Python.
- Designed and optimized Python scripts for efficient parsing and processing of research data.

PROJECTS

F.A.C.E (Aggies Invent - 1st place) | *Python, Pandas, Anaconda Navigator, JavaScript, PowerPoint, Excel* Sept 2023

- Secured 1st place in the Aggies Invent competition hosted by Sandia National Laboratories, winning \$5000 for developing a Chrome extension prototype to combat AI (DeepFake) misinformation threats.
- Developed a proof-of-concept for DeepFake detection using CNN's Multi ATT model, designed API workflow, and presented the project to a panel of judges.
- Gained expertise in team collaboration, project ideation, software development, API design, public speaking, and problem-solving within the context of AI/DeepFake misinformation.

S&P 500 Prediction ML Model | *Python, Jupyter Labs, Pandas, NumPy, Scikit-learn, Seaborn* July 2023

- Developed a machine learning model to predict the S&P 500 trend.
- Cleaned data using pandas and created the model using scikit-learn.
- Utilized the random forest algorithm to train the initial model and performed backtesting for reliability.

TECHNICAL SKILLS

Languages: Python, R, C/C++, SQL (MySQL), Java, JavaScript, HTML, CSS Haskell

Tools: VS Code, WSL, Linux CLI, Git/GitHub, Anaconda Navigator, Jupyter Notebook, Jupyter Labs, Microsoft Azure, Google Cloud Platform, PyCharm, Arduino IDE, Spyder, R Studio, MS Excel, PowerPoint, MS Word

Libraries/Frameworks: Langchain, TensorFlow, Pandas, NumPy, Seaborn, OpenCV, Ollama, Matplotlib, Hugging Face, Sympy, Scikit-learn, Django

Certifications: Microsoft Certified: Azure AI Engineer Associate, IBM Excel Data Analysis Certification