

Aadit Shah

(972) 832-3431 | aaditshah@tamu.edu
aaditshah.me | github.com/aadit2805 | linkedin.com/in/aadit2805

EDUCATION

Texas A&M University, College Station
B.S., Computer Science, Engineering Honors Program

May 2026
GPA: 3.9

WORK EXPERIENCE

WorldLink US

Information Technology Intern

May 2022 - August 2022
Frisco, TX

- Directed sales of hardware including MacBooks and SATA hard drives with company vendors, netting \$6k+ profit.
- Presented information regarding RAID across cloud infrastructure to IT team, utilized through Office 365 and ADP.
- Deployed 35 Windows machines for employee usage, enhancing performance through increasingly efficient systems.

PROJECTS

Cardiovascular Disease Prediction | *Python, TensorFlow, Pandas, Scikit-Learn, NumPy, Keras*

- Optimized a deep learning model for predicting cardiovascular diseases, leveraging TensorFlow to design a multi-layer Sequential neural network with customized dropout rates, generating a top accuracy of 74.16%.
- Implemented hyperparameter tuning for the model, experimenting with various setups of layers, units, and rates.
- Completed data preprocessing and feature scaling on the dataset using Pandas, NumPy, and Scikit-Learn.

Fantasy Football Analyzer | *Python, NFL Next Gen Stats, Pandas, TensorFlow*

- Built a fantasy football program that predicts player potentials by analyzing historical player statistics.
- Applied modeling techniques including random forest, linear regression, mutual information, and principal component analysis to enhance predictions for quarterback, running back, wide receiver, and tight end performances.

Neural Networks Parallels | *Python, PyTorch, Flask, GPT-3.5*

- Developed a college football chatbot with an integrated personality, providing game analysis and statistics.
- Integrated GPT-3.5's summarization capabilities into the chatbot's backend and outputted to the frontend.
- Implemented robust error-handling mechanisms and optimized API calls, ensuring enhanced latency.

Weather Text | *Python, GPT-3.5, Twilio, cron*

- Wrote a Python script to automate daily weather updates utilizing the OpenWeatherMap API for weather data.
- Integrated GPT-3.5 to receive clothing recommendations for the day, based off of the forecast and preferences.
- Used Twilio to send the messages, cron to automate the system, and DigitalOcean to host the program.

taskademic - TAMUhack 2024 | *JavaScript, TypeScript, SQL, React*

- Created an enhanced to-do list web application designed to alleviate the issues of Canvas off of students.
- Added collaboration features that allow for sharing of unique lists and creating study groups through such.
- Utilized PostgreSQL for the database and React, JavaScript, and TypeScript to build the front-end interface.

ORGANIZATIONS

Student Engineers' Council | *Project Manager & Society and Graduate Relations Chair* Feb 2024 - Present

- Work in maintaining websites for SEC activities including MembershipHub and Career Fair, utilizing MERN stack.
- Serve as liaison for engineering student organizations and graduate students in order to serve specific needs.
- Host Open House, Graduate Student Career Fair, and Round Table that serve up to 300 students at a time.

SKILLS AND HONORS

Languages: Java, Python, C++, JavaScript, Bash, L^AT_EX, HTML, CSS

Frameworks: React, Next, MongoDB, Express, TensorFlow

Tools: Git, AWS, Pandas, NumPY, MATLAB, Google Colab, Jupyter Notebooks, SymPy

Honors: Dean's Honor Roll (2x), Texas A&M Engineering Honors Program, Plano Senior High School Coding Competition (2/27)