Ayad Masud

720-453-8040 | ayad.r.masud@gmail.com | linkedin.com/in/amasud7/ | github.com/amasud7

Education

Texas A&M University — College Station, TX
Bachelor of Science in Computer Science: GPA: 3.83 — *Aug. 2023 – Present*

Plano Senior High School — Plano, TX
GPA: 3.9/4.0 — *Aug. 2021 – May 2023*

Technical Skills

Languages: Python, C/C++, Java, Python, R, JavaScript, HTML/CSS
Frameworks: Flask, Material-UI, React
Developer Tools: Git, Hugging Face Models, Command line, VS Code, PyCharm, IntelliJ, Eclipse
Libraries: Matplotlib, OpenCV, NumPy, BeautifulSoup, pandas, Selenium, Tensorflow

Experience

Headstarter AI — July 2024 – Sept. 2024
Fellow — *Plano, TX*
- Over the course of 7 weeks worked on 5 AI related projects in a team of 4 developers.
- Participated in Hiring Hackathon and placed top 20 among 500 teams.
- Used Flask, OpenAI, Stripe, Firebase, Clerk, and other technologies to develop full stack web projects.
- Engaged in weekly coaching calls, refining long-term career goals and enhancing resume and interview skills
- Received feedback from software engineers, improving code quality, project management, and communication skills

Aggie Research Scholar Program — August 2024 – Present
Researcher — *College Station, TX*
- Under the guidance of PHD students, worked on insole gait analysis and fall prediction using sensor data.
- Cleaned and prepared data for analysis and machine learning models using pandas and Numpy
- Performed analysis along other team members to detect falls and analyze gait patterns of construction workers.

CareNow Pharmacy — May 2024 – Present
Pharmacy Technician — *Plano, TX*
- Utilized pharmacy software systems for data entry tasks, inventory management, and prescription entry
- Collaborated with healthcare providers to clarify prescription orders and ensure optimal patient care.
- Provided exceptional customer service, addressing patient inquiries regarding prescriptions, dosage instructions, and insurance coverage

Projects

H.AI.R | *Python, Flask, Hugging Face, HTML, CSS, Vercel* — July 2024
- Developed a full-stack web app to recommend hair care products to users based on their hair type.
- Utilized Hugging Face models to classify hair types.
- Leveraged Flask framework and Vercel deployment for fully functioning app.

Color Detector | *OpenCV, Python, Numpy, PIL (Python Imaging Library)* — May 2024
- Utilized OpenCV and PIL to develop a Python script to live detect colors in a video feed.
- Used Numpy to simultaneously store and manipulate pixel data before detection.
- Leveraged PIL's built in bounding box detection to outline regions of colors that are detected.
- OpenCV functions were used to perform dilations and masking to easily detect colors.

LLM Rate My Professor | *Google Gemini/PaLm API, Python, Selenium, Flask, HTML, CSS* — Dec. 2023
- Developed a full-stack web app to summarize Rate My Professor reviews.
- Utilized Selenium to scrape all reviews for a given professor.
- Leveraged Google's Gemini LLM model to summarize scraped reviews into coherent summaries.

Extracurricular

Aggie Coding Club: Took part in weekly meetings, workshops, projects, and social activities
TAMU Hack: Attended several of their hackathons
Headstarter Hiring Hackathon: Participated in weekend hackathons for internship positions.