Faizul Anis

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EDUCATION

University of Texas at Dallas — Richardson, TX
Bachelor of Science in Software Engineering — *Aug. 2021 – May 2024*
Relevant Coursework: AR 3D UI Design, C++ Programming in UNIX, Data Structures and Algorithms, Database Systems, Machine Learning, Software Architecture

EXPERIENCE

Undergraduate Researcher & Developer — Jan. 2024 – Present
Argo Data Resource Corporation — *Richardson, TX*
- Collaborated with a team of 6 to replicate a software engineering team environment, emphasizing teamwork skills.
- Partnered with Argo developers in headquarters meetings, gaining hands-on full-stack experience with HTML/CSS, React, GPT-4, Llama 2, Private GPT, Firebase, and integrated Jira for enhanced project management.
- Engaged in a project partnership between UTD and Argo Data Resource Corporation, contributing to a Language Model (LLM) project.

Geek Squad / Fulfillment Specialist — May. 2022 – Present
Best Buy — *Plano, TX*
- Provided exceptional customer service, assisting 50+ customers with issues and delivering effective solutions.
- Stayed up-to-date on tech advancements on software and hardware knowledge for informed recommendations.
- Improved troubleshooting skills, addressing complex technical issues for a seamless customer experience.

Software Development Intern — May 2023 – Aug. 2023
Try This Dallas - 28.3k Instagram Followers — *Dallas, TX*
- Worked closely with the startup team, supporting coordinators in managing social media presence and fostering relationships with 14 partner companies.
- Built the website using Tailwind CSS and Instagram's API to dynamically connect and display over 150 posts.
- Contributed 30% growth to Instagram traffic and hit a record of 200+ users on the website.

PROJECTS

Multi-LLM-Agile-Assistant | *Django, Firebase, GPT-4, Gemini, Jira, Next.js, Private GPT, SQL* — Jan. 2024
- Implemented Private-GPT for analyzing Argo's Jira documents, alongside GPT-4 and Gemini, enabling users to create prompts for responses, fostering continuous learning and storage of acquired knowledge.
- Created 3 pages, a Firebase-managed prompt library interaction, response collection and prompts/LLMs page
- Utilized React and Next.js to build a Single Page Application (SPA), reducing communication overhead for optimized performance, achieving an average load time decrease from 4.6 to 1.4 seconds.

ProportunityAI | *Auth0, Flask, GPT-4, Matplotlib, Pandas, Plotly, Python, React, TailwindCSS* — Nov. 2023
- Engineered "Proportunity AI," a user-centric platform that demystifies the home-buying process using React, TailwindCSS, and Flask, earning 1st place in Major League Hacking's challenge at HackUTD
- Formulated a full-stack application for real-time financial analysis, integrating OpenAI's GPT-4 for personalized insights and implementing data visualization with pandas, Matplotlib, and Plotly to enhance the user experience.
- Leveraged Flask for managing API interactions, data processing, and serving AI-generated content, alongside employing Pandas for data manipulation and algorithmic financial calculations

UTD Parking | *CSS, Google Maps API, HTML, JavaScript* — Nov. 2022
- Managed students in creating a user-friendly site for realtime university parking space monitoring across 10+ lots.
- Utilized the Google Maps API to architect an interactive map interface, with information for 15+ parking areas.
- Employed Firebase to deploy the project, ensuring online access and real-time updates to parking occupancy data.

TECHNICAL SKILLS

Honors: Academic Excellence Scholar, HackUTD Winner
Developer Tools: AWS, Canva, CLion, Eclipse, Figma, Git, IntelliJ, Jira, MS Excel, MS Project, MongoDB, PyCharm, Unity, UI/UX, Visual Studio, VS Code
Frameworks: Django, Firebase, Flask, JUnit, Material-UI, Next.js, Node.js, React, React Native, Tailwind
Languages: C#, C++, CSS, HTML, Java, JavaScript, MIPS, Prolog, Python, Ruby, SQL, TypeScript
Interests: Artificial Intelligence, Basketball, Data Science, Debate, Game Design, Lego