Varun Raghuram

McKinney, TX | (847) 414-6466 | v.raghuram29@gmail.com | vraghuram.com

Experience

Project Manager | 08/2023 – Present
Artificial Intelligence Society (AIS) | Richardson, TX

- Led project teams effectively by setting clear goals, motivating team members, and ensuring the timely achievement of project milestones.
- Showcased extensive knowledge and practical experience in AI and machine learning, with a track record of successfully executing AI projects.
- Effectively communicated complex technical concepts to foster collaboration among team members, contributing to project success.

Software Developer Mentee | 02/2023 – 05/2023
Artificial Intelligence Society (AIS) | Richardson, TX

- Took part in a 10-week project focused on Machine Learning and Artificial Intelligence
- Contributed to the project through hands-on experience with AI and machine learning tools and techniques.
- Gained a deeper understanding of the potential applications and impact of AI and machine learning on various industries and domains.

Education

University of Texas at Dallas | Richardson, TX

B.S. Cognitive Science (Psychology and Human Computer Interaction) | 1/2021-12/2023

- Prominent coursework: Cognitive Neural Modeling, Data Structures and Algorithms, Experimental Projects in Cognitive Science and Psychology, Human Computer Interaction II, Introduction to Machine Learning
- Organizations: Artificial Intelligence Society, UX Club, Google Student Developer Club

Projects

Pennyworth (August 2023-September 2023)

- Developed user-centric mobile app for personal finance management.
- Conducted thorough user research and testing to optimize app usability.
- Integrated interactive features for improved budgeting and financial decision-making.

Techello (Mar 2023-Apr 2023)

- Used Figma to design a responsive web application prototype for a mobile art gallery application.
- Conducted usability studies and interviews to collect user feedback.
- Implemented additional features to the application to optimize the user experience.

BladeLink (June 2023-Jul 2023)

- Conducted extensive user research, including surveys and interviews to identify pain points in the haircut selection and barber signup process.
- Utilized responsive design methods to ensure accessibility and user-friendliness for both web and mobile device users.
- Incorporated user feedback and usability testing to continuously refine the platform.

HUGO AI (Feb 2023-May 2023)

- Developed an innovative medical AI application for X-ray image analysis and patient diagnosis.
- Utilized frameworks such as FastAI, PyTorch, and TensorFlow to create an image classification model that determines patient conditions and age with a (97%) accuracy through analysis of details found in X-ray images.
- Enhanced user experience by using Flask to design an intuitive image upload platform demonstrating problem-solving skills and technical knowledge.

Technical Skills

Tools: AWS, Figma, Adobe XD, PyCharm, IntelliJ, VS Code, Webflow
Frameworks: React.js, NextJS, Tailwind, Flask
Programming Languages: HTML, CSS, Python, Java, C/C++, Julia

Certificates

Google UX Professional Certificate
IRB Certification in Human Subjects Research, UTD, 2022