

Saurish S. Krovvidi

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EDUCATION

University of Texas at Dallas

Bachelor of Science, Computer Science, Information Science

Richardson TX

Expected: May. 2027

Extracurricular Activities: Association for Computing Machinery at UT Dallas, SAT Tutor

PROFESSIONAL EXPERIENCE

UTD Quality of Life AI and Machine Learning

Intern

Richardson, TX

June 2022 – August 2022

- Completed a 7-week internship with UTD faculty and doctoral students, applying advanced AI research approaches in a collaborative academic setting.
- Developed expertise in Convolutional Neural Networks (CNN), Machine Learning, and Deep Learning by applying Linear and Logistic Regression for predictive modeling and classification, improving diagnostic accuracy for tumor detection in healthcare.
- Applied Logistic Regression (LR) and Neural Networks (NN) to model smart health records, enabling personalized patient care and efficient healthcare management into practical healthcare solutions.
- Assisted in designing and testing AI-based applications to enhance user accessibility and healthcare outcomes, improving model accuracy and real-time data processing.

Tanex and South Fork Dental

Front desk assistant

Plano, TX

March 2023 – Apr 2023

- Worked with doctors and healthcare staff, guided patients to the right doctors, and managed patient flow efficiently, ensuring everyone received timely assistance and support.
- Developed detailed reports in Microsoft Excel to track patient information, visit reasons, and peak traffic times, providing valuable insights for optimizing hospital operations and resource allocation.

Living Spaces

Sales Associate

Frisco, TX

August 2024 – Current

- Provided personalized home furnishing solutions based on product knowledge and design skills, tailoring recommendations to meet clients' needs and preferences. Redesigned store displays to highlight best-sellers and new products, creating visually appealing layouts that enhanced the shopping experience and attracted buyers.
- Consistently exceeded monthly sales targets by actively engaging with customers, understanding their needs, and recommending products and services. Built strong customer relationships through personalized service and follow-up, resulting in high repeat business.

PROJECTS

Educational Snake Game [Github.Snake.c](#)

February 2024

- Collaborated with a development team using Agile practices, leading 5 sprint planning sessions and dividing tasks efficiently to meet 100% of project milestones on time. Contributed to over 15 code reviews, debugging, and testing sessions to ensure high-quality output.
- Built an enhanced version of the Google Snake game, integrating a dynamic question-based system that resulted in a 30% increase in user engagement and 20% faster gameplay progression, blending education with entertainment.
- Developed efficient algorithms in C language for snake movement, collision detection, and question prompts, improving gameplay speed by 25% and enhancing the overall user experience through smoother gameplay.

Motion Sensor [Github.motion_alarm.unix](#)

June 2024

- Developed a motion detection project using C language and Unix shell scripts that successfully monitored and triggered an alarm with 95% accuracy, reducing false alarms by 20% during testing.
- Developed a Burglar Alarm Application using C language and Unix shell scripts, integrating Raspberry Pi GPIO for real-time motion detection, door monitoring, and arm/disarm functionalities, with a remote alarm system triggered via UDP communication for enhanced security automation.

SKILLS

- Programming Languages:** Python, Java, JavaScript, Unix, HTML, C#, CSS, Scratch
- Certifications:** Edube Certified Python programmer, Duke Certified HTML, JavaScript, CSS programmer, Microsoft Office, UTD Quality of Life AI and Machine Learning
- Technologies:** Microsoft PowerPoint, Adobe Photoshop, Microsoft Office, Excel, Raspberry Pie