Sally Qalawi
software engineer & designer

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Experience

Software Engineer & Designer Nebula Labs - UTD Trends Team

Richardson TX | Sep 2022 - Present

- Collaborated with the Design and Engineering teams to implement responsive and high-performance web applications using **React, Next.js, and TypeScript.**
- Focused on **UI/UX best practices and accessibility standards** to enhance the user experience.
- Contributed to the frontend development of UTD Trends, implementing designs in a scalable, user-centric manner.

Computer Science Teacher's Assistant UT Dallas - Erik Jonsson School of Engineering and Computer Science

Richardson TX | Sep 2023 - May 2024

- Graded assignments, assisted in exam proctoring, supported students in developing projects with C++, and facilitated **collaborative projects** ensuring code quality and adherence to best practices.

Creative Design Production Assistant UT Dallas - Development and Alumni Relations

Richardson TX | Nov 2022 - May 2023

- Developed digital assets, including **responsive web interfaces** and social media graphics, adhering to **UI/UX and accessibility standards.**
- Leveraged **Figma and Adobe XD** for prototype designs, focusing on intuitive user experiences.

Education

MS in Computer Science - AI & Intelligent Systems The University of Texas at Dallas

Richardson TX | Aug 2024 - Fall 2025

Relevant Courses: Artificial Intelligence, Machine Learning, **Natural Language Processing, Database Systems**

BS in Computer Science The University of Texas at Dallas

Richardson TX | Aug 2022 - Fall 2024

Relevant Courses : Artificial Intelligence, Machine Learning, Computer Networks, Database Systems

Projects

UT Design Capstone Project - Smart City Host Application Texas Instruments

Richardson TX | Jan 2024 - May 2024

- Managed team tasks and served as the primary liaison with TI, ensuring project milestones were met.
- Delivered a scalable, cost-effective communication solution with potential applications in smart city infrastructure.

Skills + Tools

Programming Languages: TypeScript • JavaScript • Python • GraphQL • SQL • Java • C++ • C

Web Technologies: React • Next.js • PHP • HTML • Vanilla CSS • Tailwind CSS • Redux • Remark

Libraries: Three.js • Shadcn UI • GSAP • Framer-Motion • Lottie Effects • TensorFlow • Pytorch

Databases/ORMs: MongoDB • PostgreSQL • Prisma • Supabase • Firebase • MySQL • Neon • Drizzle

UI/UX Design & Modeling: Figma • Adobe XD • Illustrator • Accessibility Standards • Photoshop • After Effects • Spline

AI & ML Tools: TensorFlow • Pytorch • NumPy