

Mercedes Xiong

469-669-9896 | mxiong935@gmail.com | Dallas, TX
github.com/MercedesX3 | linkedin.com/in/mercedes-xiong/

EDUCATION

The University of Texas at Dallas, Richardson, TX

Spring 2027

Bachelor of Science of Computer Science

Relevant Coursework: Advanced Algorithms, UNIX, Data Structures, Computer Architecture

PROJECTS

Finterest | React Native, Expo, NodeJS, ExpressJS, MongoDB

Nov 2024 - Present

- Designed a mobile app to encourage beginners in finance to invest through a visually appealing display and simple user experience
- Built a personalized stock algorithm using user preference tracking and sector-based interest modeling
- Developed a RESTful API with Express.js and MongoDB to handle authentication, user profiles, watchlists, and recommendation queries

Lumina | AWS DynamoDB, AWS Lambda, AWS EventBridge, NodeJS, React Native, Expo

Aug 2024 - Nov 2024

- Designed a mobile app with AWS technologies to access live weather data and a catalog of social and celestial events through a seamless UI created with React Native
- Collaborated with a team to design and develop a feature-rich mobile application over a semester, utilizing React Native for the front end, Node.js for backend logic, and AWS Amplify for cloud integration with Lambda functions and DynamoDB for scalable serverless computing and data storage
- 1st Place** Design Winner of ACM Projects Fall 2024

STUDENT ORGANIZATIONS

ACM Community, Richardson, Texas

Aug 2024 - Present

Community Director

- Led two cross functional student teams—**Events and Archives**—to deliver engaging experiences that increase ACM interest and retention
- Scaled event attendance by **100%+** through data-driven outreach strategies, creative branding, and effective collaboration with other organizations
- Mentored a team of students, fostering leadership and professional development in **communication, design, and logistics**
- Conducted candidate interviews to evaluate potential team officers, resulting in a 100% increase in team size

ACM Development, Richardson, Texas

May 2025 - Present

Front End Developer & Designer

- Contributed to SAGE, a full stack web app featuring an AI chatbot that simulates a UT Dallas advisor, offering degree planning and career guidance
- Designed and implemented **responsive UI components in React.js**, ensuring a seamless student-facing experience aligned with UTD's brand and UX needs

WORK EXPERIENCE

Little Elm Public Library, Little Elm, TX

Jul 2024 - Present

Library Assistant

- Maintained records of library materials and processed new resources, ensuring **data accuracy** and efficiency
- Organized special programs for general public of a diverse range of ages to educate in different topics
- Proficient in library management softwares**, including Koha and Bibliotheca, with experience handling data

TECHNICAL SKILLS

Languages/Technical Frameworks: JavaScript (React Native, ReactJS, Next.js, NodeJS), Python, TypeScript, HTML, CSS, Tailwind CSS, Java, C/C++

Databases/Platforms/Tools : MongoDB, AWS Services (Lambda, DynamoDB, EC2, S3), Vercel, Firebase, PostgreSQL