

Lerich Responde Osay

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EDUCATION

Bachelor of Science, Computer Science

Dec. 2025

The University of Texas at Dallas

Richardson, Texas

- **Relevant Coursework:** Software Engineering, Data Structures, Algorithm Design & Analysis, Operating Systems, Systems Programming in UNIX, Database Systems, Object-Oriented System Design
- **Leadership:** SHPE - Technology Director, ACM - Project Manager

TECHNICAL SKILLS

Programming Languages: JavaScript (Node.js), TypeScript, Python, Java, HTML, CSS, C, SQL, C#

Frameworks/Libraries: Express.js, React, React Native, Angular, Flask, Vue.js, scikit-learn, Matplotlib

Other Tools: Git, GitHub, AWS, MongoDB, Firebase, Postman, Figma, Jira, Confluence

PROFESSIONAL EXPERIENCE

Student Software Engineer | *UTDesign EPICS*

Aug. 2024 - Present

- Initiate development on a brand new progressive web application (PWA) for local non-profit Rainbow Roundup, an LGBTQ+ community organization serving 4,000+ members
- Coordinate an Agile development team of 5 student software engineers for 16 weeks, leveraging GitHub Projects for project management tasks and sprint planning throughout the software development life cycle
- Communicate regularly with stakeholders, translating user requirements into feasible features and sprint goals

Full-Stack Software Developer Intern | *Soulstice Dating*

Apr. 2024 - Aug. 2024

- Operated in a collaborative Agile team of 10 software developers, project managers, and UI/UX designers, bringing the dating platform to 95% completion prior to the platform's official launch
- Constructed 20+ Angular and React Native UI components implementing and innovating on UI designs
- Optimized and improved the web application code base by contributing a 25% reduction of legacy code
- Enhanced the back-end Python server by integrating the EatApp API for automated reservation booking and by creating RESTful API endpoints in Flask to handle CRUD operations on date and user information
- Achieved 99%+ platform up-time by establishing and managing CI/CD for the platform's front-end and back-end code bases, leveraging GitHub Actions to automate deployment through the AWS cloud platform

PROJECTS

Bridge (HackUTD 2024) | [GitHub Link](#) | *React Native, Flask, Command R, JavaScript, Flask*

Nov. 2024

- Contributed as a back-end developer for a mobile banking app created in under 24 hours with 3 other developers
- Implemented RAG using Cohere's Chat API and Command R LLM to create a financial advising chatbot

Abide (Code for Good 2024) | *React, Express.js, Firebase, JavaScript*

Oct. 2024

- Collaborated with a team of 5 to complete an MVP in under 24 hours for Abide Women's Health Services, a healthcare non-profit serving over 250 prenatal and postpartum women in the Dallas area annually
- Improved patient user flow by consolidating user services into a singular patient portal using React
- Employed Express.js to create a RESTful API that interfaces with Firebase for HIPAA compliant data storage

Market Maven (ACM) | [GitHub Link](#) | *React, Express.js, MongoDB, JavaScript*

Feb. 2024 - Apr. 2024

- Led back-end development within a team of 4 undergraduate students building an e-commerce website in 10 weeks
- Created an Express.js back-end server equipped with user authentication for a RESTful API which interfaces with a MongoDB database cluster storing user and product data
- Demonstrated website MVP to an audience of 200+ industry professionals and ACM UTD chapter members