

Michael Leverino

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Education

Texas State University

Bachelors of Science in Computer Science | Minor Applied Mathematics

Expected Grad: May 2025

- **GPA 3.68/4.0**
- **Relevant Coursework:** Data Structures, Algorithms, Software Engineering, Artificial Intelligence

Work Experience

Texas State University

Software Developer

Jan 2025 – Present

San Marcos, TX

- Developed a prototype of a Collaboration Platform, using **MERN** stack, to connect **Texas State** students with hands-on projects within the university, enhancing student resumes and job prospects.
- Collaborated with team using **Agile** methodologies, focusing on iterative development, sprint planning, and continuous feedback to ensure alignment with user and stakeholder requirements.

Dossiay (Startup)

Full Stack Developer

Feb 2025 – Present

San Diego, CA (Remote)

- Implemented **Stripe** Connect integration by creating a web view in the business app for seamless customer authentication, ensuring a smooth onboarding process.
- Resolved a critical refresh bug by leveraging my skills in **React Native**, which improved the app's stability and ensured a seamless user experience.
- Integrated different AWS services such as **Lambda**, **S3**, and **DynamoDB** for flexibility and cloud support.

Projects

Workout Tracker | Source Code

June 2024 - Aug 2024

- Developed a full-stack workout tracker using **React Native**, **JavaScript**, **Node.js/Express**, and **PostgreSQL** to manage and track personalized fitness routines
- Implemented **RESTful APIs** for efficient data retrieval and adhered to the **MVC** design pattern to ensure modular, maintainable, and scalable application design.
- Developed core features for workout creation, editing, and management, enabling users to track sets, reps, and weights, with a responsive UI and robust user authentication using **JSON Web Tokens (JWT)**

NASA Control Center | Source Code | Website

Nov 2024 - Dec 2024

- Developed a NASA Control Center app using **React**, **Node.js**, and **MongoDB** to identify potentially habitable exoplanets from NASA and Kepler data.
- Deployed the app with CI/CD pipelines with **GitHub Actions**, Containerized with **Docker** for streamlined deployment, and hosted it on **AWS EC2** for scalability and reliability.

Top Down Tank Game | Source Code

Sept 2024 - Dec 2024

- Engineered a top-down tank game leveraging **MERN** stack(React, Node.js/Express.js, and MongoDB) ensuring seamless integration between frontend and backend systems

Technical Skills

Languages: JavaScript, TypeScript, SQL, HTML5, CSS, Python, Java, C++

Libraries/Frameworks: React, React Native, NodeJS, MongoDB, Tailwind, Bootstrap, Jest, Chart.js

Developer Tools: AWS, Postman, Git, Docker, Github Actions, Jira Linux