

# William Lowrimore

Full-Stack Engineer • Frontend Developer • Software Engineer

Austin, TX - Open to Relocation (California; Seattle/Bellevue, WA)

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## Education

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### University of Texas - Tyler

- B.S. in Computer Science, Minor in Mathematics

Graduated December 2025

### Austin Community College

- Certificate in Data Science - Python, in progress

Expected May 2026

## Experience

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### Comet Creative Web Agency

(May 2025 - Present)

#### Software Engineer Intern

- Built 30+ reusable React components across 10+ client sites, managing state with Redux and Context API
- Improved Lighthouse scores (performance, accessibility, SEO) by 15-25 points through code optimization
- Collaborated with designers and developers in weekly Agile sprints; participated in code reviews via GitHub
- Created custom Tailwind design systems that cut project setup time and enforced visual consistency
- Wrote unit tests with Jest to maintain code reliability before deploying to production

### Sedgwick

(April 2021 - May 2025)

#### All-Lines Insurance Adjuster

- Managed hundreds of claims start to finish with accuracy and strict documentation while completing B.S.

## Featured Projects

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### AI-Powered Business Dashboard (ETTIC Sponsored) | React, Node/Express, Postgres, Python

- Led frontend development for a CRUD dashboard helping a nonprofit catalog local businesses
- Developed 11 React components, 11 custom hooks (4400+ lines) for auth, validation, and API logic
- Integrated AI data extraction (GPT-4o, Gemini) and Python/BS4 scraping to auto-populate records
- Added API-powered authentication with protected REST endpoints
- Contributed to PostgreSQL schema design and connected Python scrapers to the Express API
- Refactored a 2,000+ line component down to 800 for maintainability; led team in number of commits

### Portfolio Site | TypeScript, Next.js, Tailwind

- Built a fully responsive portfolio with 7+ live interactive projects, iframe demos, and an AI chatbot
- Designed 20+ custom components across 6 modules with reusable UI patterns and clean TypeScript
- Achieved a Vercel Real Experience Score of 95+ with Analytics and Speed Insights monitoring
- Deployed on Vercel with custom domain, optimized routing, and cross-device performance tuning

### Race My WPM | React, Tailwind, Python

- Typing game where users race my pre-recorded keystrokes
- Built a Python/Tkinter tool to export sessions as JSON

### TCP File Transfer | Java, Docker, Next.js

- Client-server file upload with SHA-256 hash verification
- Dockerized backend deployed on Railway

### Shadow Room | WebGL, JavaScript

- 3D room with dynamic shadows from a moving light source
- Custom shaders, lighting models, interactive controls

## Technical Skills

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- **Languages:** TypeScript/JavaScript, Python, Java, SQL, HTML5, CSS3
- **Frontend Frameworks:** React.js, Next.js, Redux, TailwindCSS, responsive design
- **Backend/Database:** Node.js, Express.js, REST APIs, PostgreSQL, OAuth, API auth
- **DevOps/Tools:** Git, GitHub, Vercel, Jest, Vite, Railway, Docker, JSON, Linux/CLI, npm
- **Practices:** Agile, CI/CD, unit testing, web scraping (Selenium), API integration