

Max Lichter

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(832) 406-1926 | Dallas-Fort Worth Metroplex, TX

EXPERIENCE

Software Developer II - Paycom | Irving, TX

June 2025 - Dec. 2025

- Improved reliability of Paycom's Accruals module by fixing high-priority client bugs across React (TypeScript/TSX), C#, and PHP, directly enhancing the user experience for enterprise customers
- Diagnosed complex production issues using Splunk and database analysis, uncovering slow queries and system inefficiencies that impacted payroll accuracy and time tracking.
- Contributed as part of a nine person engineering team delivering critical features like automatic PTO request processing, ensuring thousands of employees and HR teams could manage time with confidence

Software Engineering Intern - Ayoka Systems | Arlington, TX

Aug 2024 - May 2025

- Engineered full-stack .NET apps with C#, TypeScript, and JS; built extensible back-end services, advanced features, and dynamic UIs; triaged LINQ/SQL bugs and added caching to slash page load times by 50%.
- Managed trunk-based workflows in SourceTree/GitLab; oversaw feature branches, peer reviews, and CI pipelines; executed MySQL migrations with LINQ and DBeaver to boost query performance and data integrity.
- Architected a JWT-secured bidirectional Salesforce integration and developed ASP.NET endpoints with advanced encryption protocols and Apex classes/triggers to sync patient and attorney records in real time.

Software Engineering Intern - Signet Jewelers | Coppell, TX

May 2024 - Aug 2024

- Optimized front-end processes with Angular/AngularJS by implementing SPA techniques, coding standards, and unit testing; boosting performance on Signet's E-commerce Platforms.
- Developed mobile and componentized accessibility scans using Axe DevTools, Selenium WebDriver, and JS that enabled detection and relief of accessibility barriers, enhancing inclusion for people with disabilities
- Honored as one of the USA's Top 100 Summer Interns by WayUp and Yello for exemplary impact/result.

Software Engineering Intern - Southwest Solutions Group | Lewisville, TX

May 2023 - Aug 2023

- Redesigned an internal E-commerce web app for 150+ employees—featuring an interactive admin interface and item cart. (ASP.NET, C#, MSSQL, AngularJS, Figma, Bootstrap CSS).
- Fostered initial innovation in a comprehensive asset-tracking system that automated check-in/check-out procedures and offered real-time tracking—maximizing inventory control as a whole.

PROJECTS

BobaLite | .NET, Razor, MVC, C#, JS, SQLite, Render, SendGrid | (<https://boba-lite.onrender.com>)

- Manufactured an e-commerce site specializing in low-calorie boba tea and other brand related products.
- Integrated custom cart, checkout, and email order system, providing a full end-to-end shopping experience.

SportScanner | React, TypeScript, Vite, CRXJS, Cloudflare Worker | ([Chrome](#) / [Edge](#) Extension)

- Developed a live sports tracker with a draggable, theme-adaptive score bar and real-time game updates.
- Implemented secure API routing and persistent user settings through a custom proxy system.

CMS Portfolio | Next.js, TypeScript, Supabase (Postgres), Vercel, React, Tailwind CSS (<https://MDL-cms-portfolio.com>)

- Built a drag-and-drop CMS with an admin page, using Supabase and Vercel for deployment
- Developed reusable components and Supabase-backed templates to support scalable site generation.

EDUCATION

The University of Texas at Dallas | Erik Jonsson School of Engineering and Computer Science

Bachelor of Science in Computer Science

Richardson, Texas

May 2025

SKILLS

Programming Languages and Frameworks:

C#, JavaScript, SQL, HTML, CSS, Java, .NET Core, ASP.NET, React, TypeScript, PHP Bootstrap.

Technologies and Relevant Tools:

Quality Assurance, Jira, Figma, GitHub, Selenium WebDriver, Agile Methodology, SDLC, Microsoft Excel