Max Lichter

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EXPERIENCE

Software Engineer - Southwest Solutions Group | *Lewisville, TX*   Jan. 2026 - Present
- Orchestrated the migration of a complex, companywide legacy search platform from Visual Basic to Angular 19 and C# .NET, modernizing a critical system that underpins daily business operations.
- Reinforced application integrity by systematically resolving high-impact cross-layer defects across Angular and .NET services, safeguarding uninterrupted company operations.
- Stabilized core backend APIs by diagnosing production outrages, tracing failure points across services and databases, and deploying long term corrective solutions to prevent recurrence.

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.
- Led development of an automated PTO notification engine that proactively alerted managers of upcoming absences, increasing engagement with the accruals module and strengthening reliability across large clients.
- Owned enhancements and resolved complex edge cases within PTO guarantee workflows (GONE), ensuring accurate accrual calculations and user experiences.

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%.
- 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

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

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.

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

BobaLite | .NET, Razor, MVC, C#, JS, SQLite, Render, SendGrid | *(https://bobalite.onrender.com)*
- Manufactured an e-commerce site specializing in low-calorie boba tea and other brand related products.

EDUCATION

The University of Texas at Dallas | *Erik Jonsson School of Engineering and Computer Science*   **Richardson, Texas**
Bachelor of Science in Computer Science   May 2025

SKILLS

Programming Languages and Frameworks:	C#, JavaScript, SQL, HTML, CSS, Java, .NET Core, ASP.NET, React, TypeScript, Bootstrap.
Technologies and Relevant Tools:	ChatGPT, Claude, Jira, Figma, GitHub, Selenium WebDriver