

Max Lichter

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

EDUCATION

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

Richardson, Texas

Bachelor of Science in Computer Science | GPA: 3.57

May 2025

SKILLS AND TECHNICAL TOOLS

Programming Languages and Frameworks:

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

Technologies and Relevant Tools:

Jira, Figma, GitHub, Selenium WebDriver, Agile Methodology, SDLC, Microsoft Excel, OOP.

PROFESSIONAL EXPERIENCE

Paycom | Software Developer | *Irving, Texas*

June 2025 - Present

- Crafted scalable .NET microservices with C#, TypeScript, and JavaScript to boost performance and modularity across core payroll and HR features.
- Enhanced front-end user experience by building responsive Angular and Bootstrap interfaces, ensuring seamless workflows on both desktop and mobile.

Ayoka Systems | Software Engineer | *Arlington, Texas*

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 EF and 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.

Signet Jewelers | Software Development Intern | *Coppell, Texas*

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 Platform's.
- Developed mobile and componentized accessibility scans using Axe DevTools, Selenium WebDriver, and JS that enabled detection and mitigation 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.

Signet Jewelers | Quality Engineering Intern | *Coppell, Texas*

May 2023 - Aug 2023

- Executed manual testing on hundreds of user stories, identifying defects to ensure high-quality deliverables, and drove a deep-dive analysis that cut defect resolution time by 40% and boosted quality by 25%.
- Mastered agile practices on Jira through sprint planning, daily standups, and retrospectives, applying them across eight e-commerce websites to accelerate releases, improve collaboration, and drive improvement.

Southwest Solutions Group | Software Development Intern | *Lewisville, Texas*

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

Elbit Systems of America - Demand Center | *Python, Jinja, Flask, MySQL, HTML*

Jan 2024 - Present

- Led a 10-person team to build a resource planning web app (Demand Center) using Flask, Jinja, and MySQL.
- Streamlined planning and information processes by creating and delegating tasks, surging data-driven decisions.

GymThis - Mobile Application | *Java, MSSQL, Bootstrap CSS, TypeScript*

Aug 2024 - Present

- Collaborated with a fellow student to develop a personalized gym app adaptable for every level of gym goer.

Soccer Robot - UTDesign Website | *Prisma, Nuxt, PostgreSQL, TypeScript*

Jan 2024 - May 2024

- Spearheaded a five-member team to build a live-streaming web app for human-controlled soccer robots.
- Attracted 1,000+ viewers and boosted EPICS campus engagement by 20%.