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

Ayoka Systems | Software Engineer **|** *Arlington, Texas*   Aug 2024 - Present

- Engineered full-stack results in the .NET framework using C#, TypeScript, and JS by authoring extensible back-end services, advanced features, and dynamic user interfaces to uplift overall system performance.
- Leveraged Salesforce provisions and implemented thriving JWT-based authentication with advanced encryption protocols to secure client applications and safeguard sensitive data.
- Improved database operations by creating and executing sophisticated MySQL migrations and data transformation scripts, enhancing query performance and securing strong data integrity during system upgrades.

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*

- Led a comprehensive analysis of a critical test case, reducing defect resolution time by 40% and boosting product quality metrics by 25%.
- Executed manual and automated testing on hundreds of user story test cases using industry-quality tools to recognize defects and ensure high-quality deliverables.
- Mastered agile development through active participation in sprint planning, daily standups, and retrospectives on the Jira platform across eight E-commerce websites.

Southwest Solutions Group | Software Development Intern **|** *Lewisville, Texas*   *May 2024 - Aug 2024*

- 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.
- Created an interactive cookbook website (ASP.NET architecture) featuring strong recipe management and a responsive design, successfully marketed and sold to the company to support a local charity.

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.
- Launched a cutting-edge tracking module for real-time calorie and exercise data.

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%.