

Max Lichter, he/him

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EDUCATION

University of Texas at Dallas | Richardson, TX
Bachelor of Science in Computer Science

Expected Graduation May 2025
GPA: 3.610 / *Dean's list one semester*

SKILLS & TECHNICAL TOOLS

Programming Languages and Frameworks: Fluent in Java, JavaScript, SQL, HTML, CSS, C#, ASP.NET, AngularJS, React and Bootstrap.

Technologies and Relevant Knowledge: Skilled in Quality Assurance, SDLC, Agile Methodology, Jira, Figma, GitHub, Microsoft Excel, and SVN.

WORK EXPERIENCE

Software Engineering Intern | Ayoka Systems; Arlington, TX *Aug. 2024 - Present*

- Extensively utilized object-oriented programming techniques to improve the maintainability and scalability of code for dependable, modular backend systems when developing backend applications in Java and C#.
- Assessed and resolved complex software problems, greatly improving system performance and dependability by applying cutting-edge debugging and problem-solving methods.

Software Development Intern | Signet Jewelers; Coppel, TX *May 2024 - Aug. 2024*

- Optimized and implemented front-end development processes using Angular and AngularJS, focusing on single-page application (SPA) techniques, coding standards, and unit testing, enhancing system performance and user experience across Signet's Ecomm Application Development Platforms (EAD).
- Developed a companywide tool to address mobile accessibility issues, utilizing automated testing tools such as Axe DevTools, Selenium, and JavaScript. This tool helped developers identify and fix previously unknown bugs, improving the company's operations and the customer shopping experience.
- Honored as one of the USA's Top 100 Summer Interns by WayUp and Yello for exemplary impact/results

Quality Engineer Intern | Signet Jewelers; Coppel, TX *May 2023 - Aug. 2023*

- Succeeded in mastering agile methodology through the Jira platform by manually and automatically testing hundreds of user story test cases for over 8 separate working E-commerce websites.
- Led a comprehensive analysis of a critical test case, managing end-to-end life cycle activities from planning to closure, resulting in a 40% faster completion time for defects and a 25% gain in product quality metrics.

Software Development Intern | Southwest Solutions Group; Lewisville, TX *May 2023 - Aug. 2023*

- Architecturally redesigned an internal e-commerce web application exercised by over 150 employees with a working administration page, item cart, and an interactive and vibrant interface using ASP.NET, C#, MSSQL, Angular JS, Figma, and Bootstrap.
- Fostered the beginning stages of the development of an internal asset-tracking website developed in Bootstrap, Angular JS, MSSQL, .NET, and C# that is authored by dozens of employees to ensure that 100% of equipment is properly returned following its distribution.

PERSONAL PROJECTS

GymThis | React, Java, Firebase, SQL, Bootstrap *Dec. 2023 - Present*

- Collaborated with a fellow student and peer to make a personalized gym app that can be applied by every level of gym goer to track calories and workouts.

Soccer Robot | Prisma, Nuxt, PostgreSQL *Jan. 2024 - May 2024*

- Spearheaded a collaborative effort with five team members to develop a cutting-edge web application enabling live streaming of human-controlled robots playing soccer, attracting 1,000+ viewers and boosting campus engagement in the "EPICS" program's activities by 20%.