

# Andrew Messier

Software Engineer / Application Developer

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**Software engineer** with three years of professional application and toolkit development experience.

**Experienced in building web applications** that leverage complicated user interfaces and advanced back-end processing to showcase company offerings.

**Known for attention to detail and communication:** able to analyze intricate engineering concepts and articulate suggestions to the team; able to create comprehensive designs and implementations for products.

**Seeking new challenges in web development:** contributing to a driven team that empowers users and solves complex problems; assisting in business strategy and direction.

## Technical Tools & Skills

JavaScript, TypeScript, Babel, jQuery, Bootstrap, HTML5, CSS/SCSS/SASS, Node.js, ASP.NET Web API, Java Jersey, Tomcat, Webpack, npm, Gulp, VS Code, .NET, Visual Studio, IIS, Eclipse, Docker, React

## Work Experience

**Software Engineer, LEAD Technologies, Inc. – Charlotte, NC**

**June 2015 – Present**

- Responsible for design and implementation of multiple single-page JavaScript web applications. Reduced page and content load times by 50%-75%.
- Built and maintains web APIs in multiple platforms that bridge web applications with document processing.
- Organized and updated legacy code to use standard build processes and language features, leading to faster development and more descriptive code.
- Proposed, designed, and implemented multiple user-facing features to better highlight company offerings and performance.
- Audited documentation and convoluted code areas to clarify purpose and use, leading to fewer support ticket incidences.
- Collaborates closely with team lead on planning, design, testing, cross-department communication, and packaging to reduce time-to-market and meet client project deadlines.

**Software Engineering Intern, LEAD Technologies, Inc. – Charlotte, NC**

**Summer, 2013 & 2014**

- Researched and presented new web frameworks that were adopted by the department.
- Created demonstration webpages to debug and optimize front-end processing features.

## Projects

**simple-calc – [github.com/messman/simple-calc](https://github.com/messman/simple-calc)**

**November 2017**

A colorful and simplistic JavaScript calculator app that displays canvas animation on keypresses.

**htmlhint – [github.com/htmlhint](https://github.com/htmlhint/htmlhint)**

**September 2014 – January 2015**

"An unofficial HTML5 linter and validator". A suite of open-source tools developed with classmates as a university final project. The main npm package received over 40k downloads per month at its peak.

## Education

**University of North Carolina – Chapel Hill, NC**

**Class of 2015**

Bachelor of Science, Computer Science – Graduation With Distinction (3.70)

- Privately tutored other students in Java.
- Led classes and created assignments as a teaching assistant for an introductory web programming course.
- Managed student-employees and assisted patrons as an on-campus recreation center building supervisor.