

Andrew Messier

Software Engineer / Web Developer

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Software engineer with three years of professional web application and toolkit development knowledge.

Experienced in building web applications, including design/UI, UX, HTTP/AJAX, optimization, and service APIs.

Seeking new challenges in web development: contributing to a driven team to create powerful applications that empower users and solve 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, Webpack, npm, Gulp, VS Code, .NET, Visual Studio, Java Jersey, Eclipse, Docker, React

Work Experience

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

June 2015 – Present

- Responsible for multiple customer-facing single-page JavaScript web applications. Optimization skills reduced page and content load times by 50%-75%.
- Built web services in multiple platforms that bridge web applications with document processing.
- Organized and updated legacy code to use standard builds and languages, leading to faster development and more descriptive code.
- Proposed and implemented application features that better highlight company offerings and performance.
- Audited documentation and convoluted code to reduce technical debt and clarify use, leading to fewer support ticket incidences.
- Collaborates closely with team lead on planning, design, testing, and cross-department communication to reduce time-to-market and meet customer deadlines.

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

Summer, 2013 & 2014

- Researched and presented web frameworks that were adopted by the department for major projects.
- Created demonstration webpages that were used to test, debug, and optimize front-end processing features.

Projects

simple-calc – github.com/messman/simple-calc

November 2017

A colorful, simplistic, and responsive calculator web app that animates on keypresses.

- Used Webpack and Babel to gain experience with latest JavaScript language features and ES2015 modules.
- Used the Canvas API, requestAnimationFrame, and a bit of math to efficiently draw a complex animation.
- Saves time over default phone calculators: it always shows the calculated result and processes parentheses.

htmlhint – github.com/htmlhint

September 2014 – January 2015

A suite of open-source tools developed to parse and validate HTML in a variety of environments.

- Used Node.js for flexibility in application – code editors, browser-based validation, and command line.
- Main npm package received over 40k downloads/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.