

Andy Lincoln - Web Developer

Email: andrewlincoln11@gmail.com Cell: [\(978\) 319-0545](tel:(978)319-0545)

Work Experience

Digital Artisans - North Andover, MA

Web Developer

March 2017 - Present

- Collaborate with designers to create captivating UX for client websites
- Integrate new designs into client's apps from design handoff to production.
- Maintain and document front-end code repository with Gulp-based build tools to efficiently bootstrap WordPress projects
- Develop WCAG 2.0 compliant accessible front-end components
- Audit client website performance, to improve caching, JS, CSS, image optimizations, and SEO
- Audit client site security & restoring hacked websites
- Develop bespoke WordPress solutions for client marketing sites.
- Manage organizational security practices, including implementing security password best practices using password managers and migrating clients to HTTPS

NetNumber, Inc. - Lowell, MA

Software Engineer

Jan 2016 - Sept 2017

- Collaborated with partner companies in development of re-branding product UI
- Updated product front-end to conform to WCAG 2.0 accessibility guidelines
- Collaborated with QA engineers to automate cross-browser user experience testing using Selenium
- Researched modern alternatives to aging end-of-life front-end component libraries

Development Intern

May 2013 - June 2014

- Developed unit tests for TITAN's foundational libraries to improve code coverage
- Contributed to migration of the TITAN build process from monolithic Makefile to a modularized, modern Java build Continuous Integration pipeline with Maven and Jenkins
- Implemented telephony protocols according to IETF specification

IBM Silicon Valley Lab - San Jose, CA

Software Test Co-Op

July 2014 - December 2014

- As part of the QA team for IBM's Big Data platform, BigInsights, I developed automated tests of the BigInsights developer SDKs
- Designed and developed an Android app to assist team management in monitoring QA testing
- Acceptance testing of distributed computing API's and Big Data storage components such as Hadoop, Zookeeper, HBase

Education

University of Massachusetts Lowell - Lowell, MA

Bachelors Of Science Computer Science, 3.11 GPA

Sept 2011 - Dec 2015

Web Development, Web Design, Software Engineering, Internet of Things, Android App Development, Big Data, Computer Vision, Engineering & Ethics, Computer Operating Systems & Architecture

Skills

- | | |
|--------------------------------|-------------------------|
| • Responsive Web Design | Ruby on Rails |
| • React.js | Functional Programming |
| • CSS Animations & Transitions | git |
| • CSS Flexbox, Grid | Test Driven Development |
| • REST APIs | jQuery |
| • Web accessibility | Build automation |
| • Web security | Continuous |
| • Photoshop & Illustrator | Integration/Deployment |
| • Sketch | DevOps |
| • WordPress | Apache Server |

Programming Languages

JavaScript (ES6, Node.js), HTML, SCSS, CSS, SVG, Java, Ruby, php, Python, C, SQL

Other Experience

Fort Point Design - Boston, MA

Web Development Intern

June 2015 - August 2015

- Security and performance improvements to Wordpress, Joomla! sites
- Improved customer SEO with ad campaigns and Google Maps pages

LEAP for Education - Salem, MA

Code Instructor

October 2016 - December 2016

- Facilitated a Girls Who Code group for middle school girls interested in STEM
- Instructed students in Computer Science fundamentals with MIT's Scratch programming language
- Encouraged creative problem solving to prompts
- Drafted lesson plans for weekly club meetings
- Educated students about notable women in technology and their impact on the industry at large