

Andy Lincoln - Web Developer

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Work Experience

Digital Artisans - North Andover, MA

Web Developer March 2017 - Present

- Collaborate with designers to capture the intended UX for client websites
- Integrate new designs into client's apps from design handoff to production.
- Maintain base 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

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, Professional Co-op Program, AIGA Student chapter

Skills

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

Programming Languages

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

- 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