

SUMMARY

Passionate UI Developer merging code and design to build quality software solutions. Well-versed in writing scalable and performant JavaScript, CSS3, and HTML5 for projects involving UI development, theme development, and responsive design. Strong background in debugging front-end issues on single page applications and traditional websites.

Experience with Angular and Knockout.js, but also adept at coding digital experiences from scratch. Eager and quick to learn new client-side frameworks and technologies.

Online portfolio showcasing my work available at andrewsgardner.com.

EXPERIENCE

Software UI Developer

[Symetrica](#), Maynard, MA

Mar 2019–Present

- Developing user interfaces with Angular 7 for radiation detection systems.

Web Developer

[Berkshire Blanket & Home Co.](#), Ware, MA

Dec 2016–Jan 2019

eCommerce Platform Development

- Developed Shopify Plus theme customizations that met project goals, business needs, and industry standards.
- Built front-end solutions for Oracle Commerce Cloud, including development of 4 original widgets and customization of 20 platform widgets to extend functionality.
- Oversaw the integration of third-party services, including Bazaarvoice Conversations, Facebook Pixel, Google Tag Manager, Klaviyo, and product filtering/search solutions.

UI Development

- Collaborated with designers to code responsive interfaces and dynamic email templates.
- Incorporated technical considerations into interface designs, such as compliance with accessibility standards, structured data for SEO, and performance optimization.

Issue Resolution

- Resolved issues uncovered by testing to support all browser and device types.
- Ownership over Berkshire's front-end codebase using Git for version control.

Technology Specialist

[AmeriCorps VISTA](#) / [Springfield Adult Learning Center](#), Springfield, MA

Aug 2014–Aug 2016

Web Development


- Executed the design, development, and maintenance of the Springfield Adult Learning Center's distance learning website, [WebLearn](#). Utilized a mobile-first responsive design with PHP, HTML5, CSS3, Sass, jQuery, Grunt, and Bootstrap.

Academic Program Development


- Developed technological systems and processes that increased the capacity for program staff to serve adult learners.
- Incorporated web-based Learning Management Systems into Adult Basic Education curricula.


- Collaborated with program staff to facilitate technology integration in all classrooms.
- Designed and piloted a computer literacy curriculum for Adult Basic Education students.


TECHNICAL SKILLS

 **Web Programming:**
HTML5, CSS3, JavaScript, PHP, Angular, Knockout.js, Angular Material, Liquid, JSON, Shell Scripting, RequireJS, jQuery, Bootstrap, XML.

 **Methods & Principles:**
Responsive Web Design, Web Accessibility, SEO, W3C Standards Compliance, Usability, QA Testing.

 **Workflow Tools:**
Chrome DevTools, Postman, Docker, Vagrant, Sass/LESS, Git, Gulp/Grunt, NPM, Linux CLI.

 **Development Skills:**
Single Page Applications, Custom Themes, Performance Optimization, Browser Compatibility, Device Compatibility, Conversion Tracking, Debugging, Email Templates, WordPress.

 **Design Skills:**
Vector Illustration, Image Optimization, Image Sprites, Typography, Photoshop, Illustrator.

 **Web Technologies:**
RESTful APIs, Node.js, MongoDB, Apache, Ubuntu Server, Facebook Pixel, Google Tag Manager, Google Analytics.

PERSONAL PROJECTS

Innate Perspective WordPress Theme

- A responsive WordPress theme for musicians or journalists. Its charm lies in having a partially translucent header that displays page content as users scroll up. This theme helps facilitate the promotion and presentation of digital media.

EDUCATION

Clark University, Worcester, MA

B.A., Communication & Culture and Sociology (Double Major)

May 2014

- Concentration in Media Dimensions | GPA: 3.7 / 4.0 | Graduated Magna Cum Laude.

Landmark College, Putney, VT

A.A., Liberal Studies

May 2011

- Concentration in Media Studies | GPA: 3.6 / 4.0 | Graduated Magna Cum Laude.

PRESENTATIONS

1. Simon, Shira, & **Gardner, Andrew S.** (2016). *Distance Learning: Not So Distant*. Presentation at the Massachusetts Coalition for Adult Education NETWORK 2016 Conference, Marlborough, MA.
2. **Gardner, Andrew S.** (2014). *Approximating Centralization and Hop Density in Internet Traffic with Traceroute*. Poster session presented at Clark University Academic Spree Day, Worcester, MA.