John Hall codes professionally and personally for the World Wide Web and its associated technologies. His skills range from scripting simple utilities to crafting fully scalable applications to spec, appropriate to a variety of client/server configurations. The toolbox from which he regularly pulls includes JavaScript, HTML5, Node, Perl, SVG, audio and video streaming.

# Experience

#### **Maponics**©

Feedback App | feedback.maponics.com



- Created graphical, interactive application allowing existing customers to provide feedback
- App managed the flow of user-generated feedback, specific to a given GIS boundary/data product
- Front-end utilized MVC and map-based frameworks/APIs (AngularJS, Leaflet, MapBox)
- Back-end implemented in Node.js with access to PostgreSQL database

#### **Maponics**©

Reveal Demo | reveal.maponics.com



- Created graphical, interactive demo of various GIS-based data products
- Front-end utilized MVC, mobile and map-based frameworks/APIs (jQuery Mobile, Giscloud)
- Back-end implemented in Perl to access PostgreSQL database, allowing integration with the analytic and demographic data specific to each product

#### **PixOasis**

www.pixoasis.com



- Implemented conversion of site and integrated services into new design
- Received new design in the form of layered PSD files
- Retained or re-implemented all of the functionality of the previous site (offering photo delivery and archival services)
- Completely responsible for programming and testing this site, ensuring crossbrowser compatibility

## MingShine

www.mingshine.com



- Responsive design site implemented in HTML, CSS and jQuery
- Received the final comps from the designer as layered PSD files
- Completely responsible for programming and testing this site, ensuring crossbrowser compatibility

## Vanprint

www.vanprint.com



- Created back-end for web-to-print app, allowing users to upload images and enter text which is compiled into a final pdf document
- Back-end consisted of collection of Perl modules used to receive and process the user content into a printable PDF document and store data in MySQL
- Utilized SVG to create templates for various document styles (i.e. business cards, letter heads, etc.)

#### **JavaScript Demos**

www.uni-sol.org/js-demos

SVG (+Perl) Demos

www.uni-sol.org/svg-demos

# Certifications

CompTIA A+ ce

CompTIA.

CompTIA, License EP8D39CM1D44C1Z6

**CompTIA Network+ ce** 

CompTIA.

CompTIA, License P53QBF4EBK4Q254B

#### **CompTIA Security+ ce**

# CompTIA.

CompTIA, License KEE7Y75ELCV4K1FS

### **CompTIA Project+**

# CompTIA.

CompTIA, License M3N4822MJCR1YQCB

#### CIW Candidate ID # 541811

**CIW JavaScript Specialist** 

Certified 11/09/2012

**CIW Perl Specialist** 

Certified 06/22/2013

**CIW Web Design Specialist** 

Certified 05/14/2013

**CIW Web Development Professional** 

Certified 02/24/2015

**CIW Web Foundations Associate** 

Certified 07/13/2013

CIW v5 Database Design Specialist

Certified 02/24/2015

# Education



## **Western Governors University**

Emphasis on Software Engineering, i.e. All Things Code

2012 – 2015