

# Gregory Alexander Houchens

*Software Engineer*

**[ahouchens.github.io/resume/](http://ahouchens.github.io/resume/)**

Fast results, iterative feedback and well-designed architecture are critical to my development approach. After years of working with and managing other software engineers in high intensity collaboration environments - I have adopted efficient & agile strategies for product development. Solving key software architecture issues is what I do in my free time; it is my passion. I am always looking for opportunities to add value and innovate.

## Contact

- **Phone** - 270.925.8089
- **Mail** - [webtechalex@gmail.com](mailto:webtechalex@gmail.com)
- **Skype Handle** - alexhouchens
- **Github** - <https://github.com/ahouchens>
- **Address** - 307 W. Cherry St. Glasgow, KY 42141

## Skills and Technologies

### Languages

- Javascript (ECMAScript 6)
- PHP
- SQL
- JSON
- Regular Expressions
- SVG
- AJAX
- HTML5
- CSS3

### Frameworks & Libraries

- Ember.js & ember-cli
- jQuery
- LESS
- SASS
- D3.js
- Semantic-UI

- Bootstrap
- JSDoc

## **Databases**

- CouchDB
- Postgresql
- MySQL
- MongoDB
- Architecture & Administration

## **Platforms & Backend**

- Koa.js
- Websockets (Socket.io)
- Node.js
- Apache
- Express

## **Technical Strategy**

- AJAX + Model View Control
- REST API design & protocol
- Agile + Test Driven Development + Pair Programming
- UI/UX Design Architecture
- Data modeling and DB schema construction (EAV, NoSQL, Relational)
- Mobile driven and responsive design
- Use Cases

## **Production Tools**

- Git
- SVN
- Sublime Text
- Vim
- HuBoard, Waffle.io
- Linux (Distributions: CentOS, Redhat, Fedora, Debian, Ubuntu), Mac OSX
- Build tools: Bower, Grunt, npm

# Professional Experience

## **Intel® Corporation (2013 to present)**

*Supplied through Kelly Services OCG (Outsourcing and Consulting Group)*

### **UI/UX Front-End Software Engineer**

- Ember.js + Ember Data + ember-cli web application framework utilized and maintained to latest releases.
- Developed analytics web UI for big data enterprise software (Intel® SAA) concerning monitoring of physical and virtual cloud infrastructure on OpenStack API environments.
- Creation of analytics chart visualizations by developing integrated D3 ember.js addon components.
- Designed interface to handle immense data flow to be made visually digestible in different ways.
- Conformed to REST JSON API specification standards (<http://jsonapi.org/>)
- Currently developing a full stack web application framework as an ecosystem of ember-cli addons (emphasis: WebSockets, couchDB, ember-cli), for extremely rapid deployment of full stack web applications.

## **Crosby Interactive & U.S. Publishing Inc. (2009 to 2013)**

### **Full Stack Software Engineer**

- Worked on long term, sophisticated, enterprise level MVC framework projects, some of which utilizing AJAX and HTML5 content delivery in a programming team environment.
- Built, extended and was responsible for e-commerce websites using Magento, Sunshop, PHP, XML, Javascript, HTML, and CSS3
- Lead as project manager in a programming team environment that was constantly motivated by strict deadlines.
- Database administration and Linux server administration.

## **Vionic Media (2008 - 2009)**

### **Engineering & Co-founder**

- Installed and managed a video advertising kiosk network within shopping malls.

- Responsible for networking, graphic design, and programming remote content delivery and synchronization to multiple networks.

## **Jacobs Energy (2007)**

### **Web Designer and CMS Administrator**

- Coordinated and modified many Joomla! component and plugin extensions for achieving complex company goals.
- Managed all design of company websites in multiple projects.