

ALEX HWANG

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Education

DigitalCrafts, 2016

16-week Immersive Web Development Program

Emory University, 2006 - 2011

B.A. in Sociology, Minor in Japanese Studies

Work History

Web Developer at Kanvasroom, Inc. - current

- A startup providing an one-stop online platform service for creative project management, using: MongoDB/Mongoose, Koa with Node.js, HTML5, Angular 2 (Angular 1.x with ng-Metadata), WebSockets
- Implements additional functionalities and features to the current platform

Web Developer at Soccer In the Streets - current

- An organization serving local community through soccer related events and fundraising
- Volunteers as a developer to help migration from the old website to a new content management system/platform
- Creates an API to share live data from the database

Account Project Manager I

SPH Analytics, Inc., 2014 - 2016

- Worked with senior managers in overseeing healthcare market/consumer research projects
- Created and managed client deliverables per project scope and timeline
- Audited survey contents to ensure compliance with government regulations

Project Management Specialist

Hyundai Power Transformers, Inc., 2012 - 2013

- Oversaw the full life-cycle of projects for manufacturing large-sized power transformers

- Coordinated work flow between Engineering, Production, Purchasing and Sales
- Managed all project-related interactions with clients

Projects

see portfolio for more

Mini City: NFC-driven Data Management Portal

[HTML5](#), [CSS](#), [SASS/COMPASS](#), [Bootstrap](#), [Python](#),
[Flask/Jinja2](#), [MySQL](#)

- Won the 1st place in General category of Goodie Nation Hackathon, as a team with "most completed code" of all competitors
- Prototype for NFC device driven data management portal for MiniCity, an organization helping homeless population in metro Atlanta
- Led a team to successfully communicate with clients to identify their needs and define the MVP
- Implemented all core functionalities and back-end setup, deployed the MVP using Passenger and Python WSGI to a Dreamhost server in 40 hours
- **Mini City Redesigned:** restructured the prototype to create an API to be used by the portal to interact with database

HydroSource: Water Subscription Service

[HTML5](#), [CSS](#), [SASS/COMPASS](#), [UI Bootstrap](#), [Angular.js](#),
[Express/Node.js](#), [MongoDB/Mongoose](#)

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- eCommerce website with basic functionalities (store, cart, account, registration) and a responsive layout
- Implemented sign-in/out state using authentication cookies (ngCookies) with a random token (NPM) and payment processing using Stripe API
- Solved an architectural problem in using Angular router by adding a run block with \$rootScope and \$locationChangeStart

Marti's Study Room: Korean Vocabulary Study

[HTML5](#), [CSS](#), [SASS/COMPASS](#), [Angular.js](#), [Express/Node.js](#), [MongoDB/Mongoose](#)

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- Web application that created for a student I tutor to aid her with vocabulary memorization
- Review words in a flash card form, take a quiz with customized settings, add or remove a word to/from the database, and track previous quiz results