

ALEX HWANG

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"Let's solve a problem together"

Education

DigitalCrafts, 2016

Successfully completed a 16-week Immersive Web Development Program; learned developing full-stack web applications using the MEAN (MongoDB, Express, AngularJS, Node.js) stack and the LAMP (Linux, Apache, MySQL, Python) stack

Emory University, 2006 - 2011

B.A. in Sociology, Minor in Japanese Studies

Work History

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
- Participated as a key team member for Project Management team in SAP functional development

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 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; built at Goodie Nation Hackathon [Gentrification]
- 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
- Used AngularUI Router to have multiple views nested
- **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](#)
yalexhwang.com/hydrosource

- 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](#)
yalexhwang.com/marti-study-room

- 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