# 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