

ALEX HWANG

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*Web Developer, capable of building an web application from the ground up using a wide variety of technologies
Skilled at writing well-designed, testable and efficient code using current best practices in Web Development
Self-starter, fast learner, and hard worker, looking to join a passionate team to solve problems together*

Projects *see portfolio and github 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 of 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
- In 48 hours, implemented all core functionalities and back-end setup: deployed using Passenger and Python WSGI to a Dreamhost server
- Mini City Redesigned: created an API and restructured the MVP to have the portal interact with database via API

HydroSource: Water Subscription Service

yalexhwang.com/hydrosource

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

- 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

yalexhwang.com/marti_study_room

[MVC Single Page App](#): [HTML5](#), [CSS](#), [SASS/COMPASS](#), [Angular.js](#)

- Prototype for an web app that automates the process of creating a vocabulary quiz for a student I tutor
- Work in progress: adding a dictionary API and database connection to store a large amount of vocabulary

Education

DigitalCrafts, *16-week Immersive Web Development Program* 2016

Emory University, *B.A. in Sociology, Minor in Japanese Studies* 2006 - 2011

Work History

Account Project Manager I @ *SPH Analytics, Inc.* 2014 - 2016

- Assisted 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 regulations

Project Management Specialist @ *Hyundai Power Transformers, Inc.* 2012 - 2013

- Project managed and oversaw the full life-cycle of projects for manufacturing large-sized power transformers
- Coordinated workflow between Engineering, Production, Purchasing and Sales
- Participated as a key team member for Project Management team in functional development