

# ALEX HWANG

[www.yalexhwang.com](http://www.yalexhwang.com)  
[github.com/yalexhwang](https://github.com/yalexhwang)  
[linkedin.com/in/yalexhwang](https://linkedin.com/in/yalexhwang)  
[y.alex.hwang@gmail.com](mailto:y.alex.hwang@gmail.com)  
404.973.5959

Full-stack web developer who enjoys solving problems with a creative mind and critical thinking skills, looking to join a passionate and dynamic team to create coherent, cutting-edge, and cool applications

---

## 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 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](http://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](http://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 work flow between Engineering, Production, Purchasing and Sales
- Participated as a key team member for Project Management team in functional development