Alex Hwang

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Atlanta, GA

Full-stack web developer who enjoys solving problems with a creative mind and critical thinking skills, capable of creating dynamic applications using a variety of technologies

Projects

Mini City: NFC-driven Data Management Portal
HTML5, CSS, SASS/COMPASS, Bootstrap, Python, Flask/Jinja2, MySQL.
- Won 1st place at the Goodie Hack Pitch Competition at Goodie Nation Hackathon [Gentrification] for MVP data management portal for Mini City, an organization helping homeless population in metro Atlanta
- Utilized NFC tags with Android devices to create and store a user's data
- Deployed using Passenger and Python WSGI to a Dreamhost server
- Successfully communicated with clients to identify their needs; identified business logic and defined the MVP; implemented all core functionalities and the back-end setup

HydroSource: Water Subscription Service *yalexhwang.com/hydrosource*
HTML5, CSS, SASS/COMPASS, UI Bootstrap, Angular.js, Express/Node.js, MongoDB/ Mongoose. MVC Single Page Application.
- Built an eCommerce website with fully working basic functionalities (account registration, shopping and payment), with responsive layout
- Implemented sign-in/out state using using authentication cookies with a random token
- Used Stripe API for payment processing
- Solved an architectural problem with using Angular router by adding a run block with $rootScope and $locationChangeStart

Marti's Study Room: Korean Vocabulary Study *yalexhwang.com/marti_study_room*
HTML5, CSS, SASS/COMPASS, Angular.js. MVC Single Page Application.
- Built an web app built to automate the process of creating a quiz for a student I tutor
- Currently working to implement database connection to store large amount of vocabulary and a dictionary API

Education

DigitalCrafts, 16-week Immersive Web Development Program 2016

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

Experience

Account Project Manager I — SPH Analytics, Inc. 2014 to 2016
- Assisted senior managers in overseeing healthcare market/consumer research projects
- Audited survey contents to ensure compliance with regulations

Project Management Specialist — Hyundai Power Transformers, Inc. 2012 to 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