Justin Byun

Full-Stack JavaScript developer

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Manifesto

As a former Biotech Researcher, I learned the beauty of analytical skills and value of critical thinking. Now, as a full-stack developer, I'd like to add the artistry of science to programming to develop user-friendly, efficient and resource-saving apps.

Education

Code Fellows (2016, Seattle WA)

Certificate in Advanced Full-Stack JavaScript Dev: Sept, 2016

University of Washington (2005, Seattle WA)

Bachelor's of Sciences: Majors in Biochemistry and Microbiology, Minor in Chemistry

Experience

Per Diem (University of Washington | Seattle WA, 07/13 - 04/16)
- Electronics Processing Assistant: hard-drive and data destruction

- Research Assistant(Make-A-Wish foundation): surveyed students and   participated in protocol development in beverage consumption study in high schools in Washington State.

Research Scientist (University of Washington-Biochemistry | Seattle WA: 07/07-06/13)

- Prep DNA samples and sequence them: optimize and trouble shooting reaction
- Monitoring accuracy and integrity of data produced and posting to the database
- Control sample flows and process to maximize the resource utilization
- Manage and maintain the lab and equipment

Research Engineer (University of Washington-Pharmacology, Howard Hughes Medical Institute | Seattle WA: 08/05-10/05)
- Investigate the roles of cell signaling molecules and pathways in cell growth and development
- Therapeutic goals and projections: understand and control tumorigenesis

Relevant Skills

_proficient:

javaScript, jQuery, bluebirdJS, nodeJS, expressJS, AngularJS, webPack, REST API, Mocha, GulpJS, HTML5, CSS3/SASS, SQL, noSQL(mongoDB)

_intermediate:
Python, R

Projects

_brewBuddy-coffeeCompanion (Sept 2016, github.com/sjb3/brew-buddy-coffee-companion github.com/andrewpeterwatson/brew-buddy-frontend-app)

- Focus group: from everyday coffee drinkers to coffee connoisseurs

- Objectives: clients can customize their coffee to order, along with optional reviews/personal blogs

- App is created with nodeJS backend utilizing expressJS to handle user requests, and mongoDB persistence layer; for fronted, angularJS, HTML5, CSS3 were used

_concert Finder (Feb 2016, github.com/BbDgtl/finalProject-301n1)

- Focus group: concert goers worldwide

- Objectives: lets clients find concerts of interests at keystroke, location service with ticket info at song kick website link

- Created with song kick and mapBox API's with leafletJS