

Joshua Hwang

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EXPERIENCE

Software Engineer - *Brain Health Registry* - San Francisco

Oct 2016 - Present

- Developed backend application for managing and tracking 1000+ mailed DNA kits; application used by scientists to collect, store, maintain, and analyze data related to remote biofluids collection.
- Acted as lead recruiter and interviewer for the engineering team, adding 4 new engineers in 2 years
- Refactored study referral programs with 5 years old legacy code to have robust architecture, integration testing, command design pattern, and streamlined UI
- Transitioned outdated feature to utilize updated API and build features to create and analyze a consolidated dataset comprised of old and new data points
- Revamped email system by transitioning all emails to Foundation, building reusable templates for storing and sending, and building reusable and modular email campaign manager
- Built data reporting software to translate raw scientific data into legible data tables easily understood by non-technical personnel
- Wrote hundreds of analytical SQL queries for business intelligence and data analysis purposes

Software Associate - *App Academy* - San Francisco

Mar 2016 - June 2016

- Administered algorithm-based coding interviews in Ruby, Python, JavaScript and Java for over 100 prospective students
- Developed RSpec testing suite with 100+ tests for an applicant state tracking tool
- Constructed Ruby and IRB tutorials for an accelerated learning program with over 80 students
- Formulated algorithm problems for admissions process and software development course

.NET Developer - *Rand Group* - Houston

Feb 2015 - Dec 2015

- Built a timesheet tracking website (ASP.NET and Kendo) for billable time and expenses that syncs automatically with accounting software, drastically reducing workload and human error
- Developed software solutions in C# for over 10 clients, including a database-synced scan gun application and a warehouse management system
- Created applications to integrate client data with SQL databases, allowing clients to use enterprise resource planning software (*Microsoft Dynamics*) and improve business processes
- Generated \$100,000+ in revenue for Rand Group within 10 months

SKILLS

C#	JavaScript	React	jQuery	HTML5	Ruby	Git	Bootstrap
ASP.NET	Typescript	Redux	SQL	CSS	Rails	Jira	Foundation

EDUCATION

App Academy - *Full Stack Web Development Course*

Jan 2016 - March 2016

Rice University - *MS in Ecology and Evolutionary Biology*

July 2012 - Dec 2014

Rice University - *BA in Ecology and Evolutionary Biology*

Aug 2008 - May 2012