

Joshua Hwang

1366 Turk St. Apt 3C • San Francisco, CA • 94115
CELL (661) 993-3562 • E-MAIL ijoshjosh@gmail.com



GitHub



LinkedIn

EXPERIENCE

Hacker in Residence - *App Academy* - *San Francisco*

March 2016 - Present

- Administered algorithmic coding interviews for over 100 prospective students
- Created testing suite with 100+ tests for internal applicant tracking tool, allowing easier bug fixes
- Created Ruby and IRB tutorials for an accelerated learning program with over 80 students
- Formulated algorithm problems for admissions process and software development course

Software Consultant - *Rand Group* - *Houston*

Feb 2015 - Dec 2015

- Built a timesheet tracking website for employee billable time and expenses that syncs automatically with accounting software, reducing workload and human error
- Developed software solutions for over 10 clients, including a database synced scan gun application and a warehouse management system, creating \$100,000+ in efficiency improvements
- Created applications to integrate client data with SQL databases, allowing for clients to use enterprise resource planning software (*Microsoft Dynamics*) and improve business processes
- Generated \$100,000 in personal billable hours for the firm

PROJECTS

Glimmr - *Ruby on Rails* - *JavaScript* - *React.js* - *PostgreSQL*

[Live](#) | [GitHub](#)

An image sharing web application inspired by Flickr

- Uses Cloudinary API for uploading and hosting large numbers of images
- High-speed single page app with dynamic re-rendering results in smooth user experience
- Grid system built using Flexbox allows for dynamic resizing
- Back end authentication system which uses Crypt for password hashing

Script Fighter - *JavaScript* - *HTML Canvas*

[Live](#) | [GitHub](#)

A beat-em-up javascript game using Street Fighter sprites

- State based sprite animations with dynamic rendering
- Uses memoization to track score and time progression

Chess - *Ruby*

[GitHub](#)

Two-player chess playable through the console

- Cursorable module allows for precise piece selection
- Utilizes model inheritance to create directional movement for different pieces

SKILLS

Ruby
Rails

JavaScript
jQuery

React.js
Flux

SQL
Git

HTML
CSS

C#
ASP.NET

Kendo
NAV

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