

# Jiwoo Park

Portfolio: [jiwoopark.rocks](http://jiwoopark.rocks) • Github: [JParkSF](https://github.com/JParkSF) • LinkedIn: [jiwoo-park](https://www.linkedin.com/company/jiwoo-park)

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## PROJECTS

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### My Stock Tool

[Live](#) • [GitHub](#)

- Full-stack finance web application to buy-sell and track stocks with real time stock prices
  - Leveraged **ChartJS** to create an interactive data visualization experience of historical stock prices
  - Reduced API-dependent load time from an average of 22.18 sec to 3.7 sec by merging data points from two open source API's
  - Normalized **Redux** state shape by giving each type of data its own 'slice' of state thereby reducing complexity and duplication of information
  - Integrated **Alpha Vantage's** and **Intrinio's** Financial Data **API** to retrieve real time price data

### OneTable

[Live](#) • [GitHub](#)

- An OpenTable clone built with **Rails** & **React/Redux**
  - Designed **Rails** backend auth system by hashing user password using **BCrypt** gem
  - Structured **Redux** cycle to send **API** requests while user browses through pages without refreshing
  - Implemented **Google Maps API** to locate user and find, visualize location of nearby restaurants
  - Fully integrated and efficiently managed data storage structure using **PostgreSQL**

### OnionUp

[Live](#) • [GitHub](#)

- Web service that pings and visualizes statistical graphs of onion services that are accessible through the Tor anonymity network
  - Created backend logic to calculate response time and HTTP load time of each web servers
  - Setup multi-threaded rails jobs to ping onion sites in the queue using **SideKiq** with **Redis**
  - Used **D3** library to build live graphs by inserting data received from **API** request from **Redis**
  - Fully developed frontend components with **Vue** and **Vuex** for state management
  - Created total state management by implementing cooperative relationship with **ActiveRecord**

### ClappyBird

[Live](#) • [GitHub](#)

- A pure **JavaScript** game that user controls a bird by clapping or key press, attempting to fly between columns of green pipes without hitting them.
  - Implemented **Web Audio API** for sound generation and processing
  - Created graphic and interactive experiences using **p5.js**
  - Engineered with **Webpack** to bundle and serve up the various scripts

## EXPERIENCE

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### - Freelance Web Developer

[2017 – Now](#)

- Consult with clients for designing, coding and modifying websites, from layout to function and according to a client's specifications. Strive to create visually appealing sites that feature user-friendly design and clear navigation.

### - Best America Service (Solution Consultant)

[2014 – 2017](#)

### - Woods Bagot (IT Coordinator / Network Architech)

[2013 – 2014](#)

- Maintain and administer computer **networks** and related environments including systems software
- Provide technical support to IT requests from users for all PC hardware, software, and Network

## TECH SKILLS

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JavaScript

JQuery

React / Redux

Vue / Vuex

Webpack

Ruby on Rails

RSpec

HTML5

CSS3

PostgreSQL

Git

Heroku

AWS

LINUX / UNIX

IT - Network

## OTHER SKILLS

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Fluency in Korean

Networking

Communication

Critical Thinking

## EDUCATION

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App Academy,

San Francisco

Full-stack Web Dev.

Jan 2018

San Francisco

State University

(B.A.),

Broadcast &

Electronic

Comm. Arts,

Jun 2012