

Jason Singh

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Education

New York Coding & Design Academy - New York, NY

Software Intensive Engineering

Jan 2019

Baruch College/CUNY - New York, NY

Bachelor of Business Administration in Marketing Analytics

May 2018

Minor: Law and Policy

GPA: 3.4/4.00

Personal Projects

Supreme Bot

Jun 2019

A shopping bot that automatically purchases items from popular clothing brand, Supreme when they release.

- Built the application using Ruby syntax to code it and Mechanize to web scrape the site and send specific requests to the supreme web server without the need of a web browser until the user has to fill out a captcha.
- Calibrated Mechanize to look for and click on certain links and keywords and also locate the checkout form.
- Automated POST and GET requests based off needed key values and used JSON to store the key values.
- Formatted aunchy to open upreme website in browser when captcha authenticity requirement appears.

The Money Train

Apr 2019

An application that allows users to add desired stocks to an online portfolio and receive text message notifications when their stocks reach the user's desired stop price. The application constantly updates to compare the desired price point to the live price point every 10 minutes with Heroku's Scheduler Task and to give recent news information.

<http://bit.ly/themoneytrainapp>

- Built the application using Ruby on Rails along with Twilio, News API, Heroku Scheduler Task, and Bootstrap.
- Initialized Twilio gem to send notifications to users when stock reaches desired price point via text message.
- Linked News API to display the most recent and relevant news articles and information about every stock.
- Equipped IEX Trading API to display the live stock prices along with the key financial statistics for every stock.
- Deployed live application to Heroku server and connected it with a and SQL database to store all user data.

Pokedex

Nov 2018

A Pokedex that enables a user to search the stats of any Pokemon with either the Pokemon's number or their name.

<http://bit.ly/pokedex-jason>

- Operated JavaScript to create a function that makes an AJAX request to the PokeApi for all Pokemon stats.
 - Coded a JavaScript function that calls the API and parse the relevant JSON data to be used for the HTML.
 - Designed the front end of the application using Sass and CSS libraries like bootstrap and materialize.
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Collaboration Projects

Sober Runner- Backend Developer

Jan 2019

Collaborated with a team to create a game that warns people about the dangers of excessive alcohol consumption.

- Coded the application with Ruby syntax and incorporated Phaser library into Ruby then coded in JavaScript.
 - Created functions for users to move the characters on the screen by pressing certain keys on their keyboard.
 - Assigned collidable attributes for object functions so the object can hit the character and then disappear.
 - Implemented Tiled to create tiles and tile maps to make the platforms and create the background setting.
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Technical Skills

Languages:

JavaScript, Ruby, SQL, HTML, CSS, C#

Frameworks:

React.JS, Node.JS, Angular.JS, Rails, Bootstrap, Sinatra, Phaser, Sass

Databases:

Oracle Express DB, MySQL Server/Workbench, MongoDB

Design & IDE:

Atom, MS Visual Studio, Sublime, Vim, Brackets, Notepad++

Operators:

Terminal, GitHub, Git, .bash, Git Bash

Operating Systems:

Linux including Debian and Ubuntu, Windows 7, 8, and 10

Other Softwares:

IEX Trading API, Heroku, Twilio, News API, JSON, Mechanize, Request, AWS