Cindy Wang

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Software Projects

Wellp - *Sole Developer (Rails, React.js, Redux)*   Live | GitHub
Full Stack Yelp clone where users write only negative reviews
- ❏ Retrieved data with jQuery AJAX requests and multi-table query methods to optimize lookup time for search results
- ❏ Utilized the Google Maps API to display search results and redirect to business pages based on user's location of interest

Bulletter - *Front End Engineer (Javascript, FileSaver.js)*   Store | GitHub
A Chrome extension for highlighting notes with integration into MS Word
- ❏ Designed algorithms to dynamically manipulate displayed content to highlight the user's notes in the browser
- ❏ Leveraged the Chrome Storage API, HTML5, and FileSaver.js to create a downloadable Word document which formats the relevant information

BandoJambo - *Front End Engineer (JavaScript, HTML5)*   Live | GitHub
Synthesizer built for the browser
- ❏ Implemented the Howler.js and Easel.js libraries to create audio and visual content with user input

UNItconverter - *Android App Developer (Java)*   Store | GitHub
Unit-converter app for people who love cats
- ❏ Designed and implemented the API for a scientific unit converter
- ❏ Collaborated with a team to present cat facts through the Cat Facts API

Skills

Ruby

JavaScript

C++

Python

Java

jQuery

HTML5

RSpec

Ruby on Rails

Git

SQL

CSS

React/Redux

MATLAB

Additional Projects

Biomedical Measurements
- ❏ Designed and conducted a study to observe heart activity in response to emotional stimuli
- ❏ Developed MATLAB scripts to quantitatively analyze electrocardiogram data

Biomedical Capstone Project
- ❏ Built an autoclave for low-resource settings by utilizing local resources such as discarded electronics, mainly plasma cutter components

Professional Experience

Center for Translational Cognitive Neuroscience   Boston, MA: Summer 2015
Research Assistant
- ❏ Developed MATLAB scripts to analyze electroencephalography data and detect markers for long-term learning
- ❏ Adapted these MATLAB scripts to allow other researchers to analyze data, drastically reducing the amount of time between obtaining data and results

Education & Training

Boston University, May 2016
- ❏ BS in Biomedical Engineering, Cum Laude
- ❏ Member of Tau Beta Pi and Alpha Eta Mu Theta honor societies

App Academy, Sept 2016
- ❏ 1000-hour software development course with 3% acceptance rate