ROBERT MAJURI

CONTACT DETAILS

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SUMMARY

Software developer, lifelong creative, insatiable learner. Former marketer and teacher who enjoys listening to and learning from others. Seeking to serve a team on a worthwhile mission.

SKILLS / TECHNOLOGIES

JavaScript, Node.js, CSS, HTML, jQuery, React, React Native, Redux, Express, Sequelize.js, PostgreSQL, Git, GitHub, Firebase, Webpack, Babel, Travis CI, Heroku, Jasmine, Jest, Enzyme, Python, Tkinter

EDUCATION

Fullstack Academy of Code
13-week immersive coding bootcamp focusing on JavaScript and the latest web technologies

Rowan University
MS in Education
BA in English

INTERESTS

Marketing Strategy
Literature
Music Theory
Travel
Art

FULL STACK SOFTWARE DEVELOPER
PHILADELPHIA, PA

PROJECTS

INDEGO BIKE PULSE – INDEGOBIKEPULSE.HEROKUAPP.COM

Indego is Philadelphia's bike-sharing program. Using the Indego Bike Pulse app, users can find the Indego bike stations closest to where they are currently located. These locations will appear on a Google map, with markers representing each station. When the markers are clicked, an info window expands from them, telling the user how many bikes and parking docs are currently available at that station. The user can also scroll through a side bar window containing information blocks that contain additional details about each station. To build this project, I used the Google Maps and Google Places APIs, Indego's public GeoJSON API, and the Open Weather Map API. The front-end relies entirely on vanilla JavaScript, HTML, and CSS, as well as jQuery.

CLICK-CHORD – CLICKCHORD.HEROKUAPP.COM

Winner of People's Choice Award at Fullstack Academy. Click-Chord is a "hackathon" project I used as a chance to learn about browser audio APIs. The app renders out clickable boxes that each trigger a different musical chord within the scale the user has selected. To provide users with enjoyable instrumentation to interact with, I used the Tone.js library, which converts HTML5's oscillator sounds into "synthesizer" tones. The Tone.js library also provided an API that allowed me to develop a "Rhythm Maker" interface that lets users build their own drum sequences to backdrop chord progressions they create. Alternatively, users can toggle this feature to a "Rhythm Player" that offers pre-built rhythms.

PREMIUM CAT TREATS – GITHUB.COM/PREMIUM-CAT-TREATS

As part of my course work at Fullstack Academy, I collaborated with two team members to develop an E-commerce website. We were coached by our instructors to adhere to the agile method of development. Accordingly, our team held daily 10-minute stand-up meetings in which we discussed what each team member accomplished the day prior, "blocking" frustrations, and what we were going to do today. Each member wrote code across the full stack, including routes using Express, state management architecture using Redux, and front-end components using React. My unique contributions included building our database, which consisted of associated tables for products, users, orders, and items contained within orders. I used Sequelize and PostgreSQL to construct our database.

EXPERIENCE

SPAGHETTI ENGINEERING – JANUARY 2016 – PRESENT

Software Developer / Marketer / Production Assistant

- Develop software using Python and Tkinter to automate the design of digital sequential LED tail lights.
- Attend trade shows around the country to educate customers about company products and make sales.
- Serve in customer relations by writing periodic newsletters, collecting customer feedback via surveys, and answering phones for product troubleshooting.
- Assemble products including digital LED taillights and electronic control units for various aftermarket auto products.

THE KING'S CHRISTIAN SCHOOL – MARCH 2012 – JUNE 2015

High School English Teacher / K–12 Substitute Teacher / Student Teacher

- Taught 11th and 12th grade CP and Honors Literature classes including English Language Learner students from China.
- Served as a student-teacher for 9th and 10th grade English classes for one semester.
- Served as a substitute teacher throughout the year that led to my internship as student-teacher.