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Carlo DiLorenzo

Technical Skills

Strong in: JavaScript, Node.js, Express, jQuery, HTML, CSS, Git, React, Mocha, Chai, MongoDB, ES2015 (ES6)

Experienced in: Mithril, Grunt, SQL, Knex.js, Phaser.io, Socket.io, Gulp, Browserify, D3.js , AngularJS

Projects

MakerSpace - Software Engineer | http://maker-space.herokuapp.com   2016
Room reservation app that shows real-time room availability, manages bookings, and gathers usage data for analytics
- Managed database on mLab and executed RESTful API to optimally receive and insert data
- Advocated TDD with Mocha and Chai throughout product lifecycle, ensuring robust code and best dev practices
- Implemented React modal, allowing users to interact with room schedules, filter unique booking creations

Austin Art - Software Engineer | austinpublicart.herokuapp.com   2016
Online gallery of public art in the Greater Austin Area that allows users to discover, rate, and comment on public artwork
- Developed dynamic, React-based front-end appearance, allowing art components to be focal objects of site
- Maintained mLab database that stored Austin art, user information, comments, and likes
- Augmented app with React Navbar incorporating all site functionality within the Navbar to create a clean UI/UX

Have You Heard The News - Software Engineer | haveyouheardthenews.herokuapp.com   2016
News aggregator that retrieves nineteen news sources, sorts articles by good or bad news, and reads headlines to users
- Created button functionality with on-hover animation, upgrading static news logos to dynamic site elements
- Built RESTful API call to IBM's Watson AI, utilizing the supercomputer to read the news headlines audibly
- Designed user interface with responsive CSS for users to discover news, via mobile and desktop platforms

broCoder - Software Educator | https://www.youtube.com/channel/UCkNVLsNd7EAgl83J7EvlNvg   2016
Started an educational YouTube channel called broCoder to share coding knowledge with fellow students
- Coached viewers to do coding toy problems and explain the logic of the algorithm step by step
- Discussed topics like currying and closures to better understand JavaScript topics

Experience

Freakylicious Subs, LLC - Owner/Operator   Latham, NY | 2012-2016
Jimmy John's Franchisee
- Increased sales by 11% annually; reduced food cost by 19% compared to national average
- Accounted for all managerial aspects of a 20-member team including: scheduling, marketing, hiring, and training
- Implemented, tested, and delegated an end-to-end checklist to more efficiently manage operational procedures
- Managed all financial aspects, including accounting, purchasing/negotiating, and cost control

Education

MakerSquare - Advanced Software Engineering Immersive   Austin, TX | 2016
Rensselaer Polytechnic Institute - B.S. in Materials Engineering, Minor in Management   Troy, NY | 2008-2012

Personal

I love trying new and unfamiliar endeavors. I became a volunteer firefighter in Loudonville, NY (2013-2014) and succeeded in finishing Ironman (Lake Placid, NY) on a dare with no professional training (2013).