Roumesh Persand

SOFTWARE ENGINEER | rpersand25@gmail.com | (347)-469-5535 | New York, NY
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SKILLS

Proficient: JavaScript, Node.js, Express.js, React.js, Redux.js, Sequelize.js, Backbone.js, Git/Github, HTML, CSS
Knowledgeable: PostgreSQL, Heroku, OAuth, Passport.js
Familiar: Travis CI, Web-pack, Unity, C#
Tools: Git, GitHub, Travis CI, Test-Driven Development (Mocha, Chai, Jasmine), Visual Studio Code, Slack

EXPERIENCE

Software Engineer, *Myers-Holum Inc.*   January 2020 - Present
- Utilize Backbone.js, JavaScript, and NetSuite cloud computing to implement scalable e-commerce applications for multiple clients
- Developed automation scripts for efficiency, one of which that integrated with the Google Maps Geocoder API to reverse geocode coordinates and return the address of the user's current location
- Identify application bottlenecks and refactor existing code to optimize time and space efficiency and enhance readability
- Collaborate with fellow engineers to ensure that the design of all e-commerce applications are sustainable and effective to ensure a positive client-side experience

Software Engineering Teaching Fellow, *Fullstack Academy of Code (NYC)*   June 2019 - November 2019
- Lead workshops introducing common algorithm patterns and time/space complexity analysis
- Served as a mentor for 5 students, conducting code reviews and individually held tutoring sessions
- Conducted technical interviews to assess prospective students' programming and problem-solving skills
- Acted as agile project manager and code reviewer for full stack projects for a cohort of over 40 students

Software Engineering Teaching Fellow, *Fullstack Academy of Code (FL)*   November 2019
- Assisted students with learning JavaScript fundamentals and principles in preparation for joining Fullstack Academy
- Served as a mentor for over 25 students, conducting code reviews and tutoring sessions
- Conducted technical interviews to assess prospective students' programming and problem-solving skills

PROJECTS

DiveBook, *Fullstack Web Application*   May 2019
- A virtual logbook for SCUBA divers and dive shops where divers can enter logs of their dives and view analytical data on graphs and an interactive map for each of their dives
- Focuses on data visualizations using D3, React BriteCharts, and React - MapGL, a QR code scanner implementation for verifying logs, and a Postgis spatial database for storing latitude and longitude points
- **Technologies: Javascript, React.js, Redux.js, Express.js, Sequelize.js, SQL, Postgres with Postgis extension, D3, React BriteCharts, QR Scanning, Node.js, Material UI**
- Github: https://github.com/red-november/dive-book

Grace Shredder, *Fullstack Web Application*   April 2019
- A full stack, JavaScript e-commerce site for accoustic and electric guitars and accessories
- Handles both logged in and guest users and manages their respective carts
- Keeps records of users, products, and past orders using a Postgres database
- **Technologies: Javascript, Node.js, Express.js, React.js, Redux.js, Sequelize.js, HTML, CSS, Bootstrap, PostgreSQL, OAuth, Passport, Stripe**
- Github: https://github.com/copperfinch-gsh/grace-shopper

EDUCATION

Fullstack Academy, *Software Engineering Immersive*   May 2019
Baruch College, *Bachelor of Business Administrations in Finance*   May 2017
- Minor in Psychology