Sayan Sivakumaran

WEB DEVELOPER

New York City, NY - Willing to Relocate

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Summary

Web developer with strong portfolio. I can build and deploy websites/applications that are fast, responsive, and cross-browser compatible. I have around one year of experience using JavaScript, and am very comfortable with technologies such as Node.js and React.

Education

Stony Brook University   *Stony Brook, New York*
MATHEMATICS MAJOR AND COMPUTER SCIENCE MINOR   *May. 2019*

Skills

Frontend	React, Redux, JavaScript, HTML5, CSS3.0, SASS
Backend	Node.js, Express.js, MongoDB, MySQL
Testing	Jest, Enzyme
Deploy	Heroku, Netlify
Misc	Github, Webpack, Python, Java

Personal Projects

EOVis   *eovis.herokuapp.com*
INTERACTIVE MAP OF NATURAL DISASTERS   *React, Redux, Mapbox, SCSS*
- Makes **AJAX** requests to an API and converts data into GeoJSON
- Created a **RESTful API** that understands spacial and temporal queries
- Implemented **client-side routing** with React Router for faster perceived performance
- Uses **data-driven styling** to create an informative and interactive map

Visual Graham Scan   *visualgrahamscan.com*
PLAYGROUND FOR CONVEX HULL ALGORITHM   *React, Redux, SCSS*
- User can randomly generate or manually add points
- User can run the algorithm step-by-step, or let the computer run it automatically
- Applied **TDD** principles to test algorithm and user interaction
- Uses **Redux** for rigorous state management

Weekly Planner   *schedulemaker.netlify.com*
KEEPS TRACK OF YOUR BUSY SCHEDULE   *JavaScript, SCSS*
- Allows a user to plan their weekly schedule down to the minute
- Uses the **MVC** pattern to organize code
- Makes efficient **DOM manipulations** in vanilla JavaScript
- Implemented **persistence** of data using local storage

Experience

Tutor.com
REMOTE MATHEMATICS TUTOR   *March 2018 - PRESENT*
- Broke down complex subjects into a more digestible form
- Tutored over **300+** students in various topics, such as geometry and linear algebra
- Average rating of **4.6/5** as of February 2019

Awards

- **Presidential Scholarship**, from 2015 - Present
- **Dean's List**, from 2016 - Present