

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

BS IN MATHEMATICS, MINOR IN COMPUTER SCIENCE

Stony Brook, New York

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