

Sayan Sivakumaran

WEB DEVELOPER

New York City, NY

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Summary

Web developer with strong portfolio. Originally a mathematics student, I started taking computer science courses a year ago while learning modern web technologies on the side. I can build and deploy applications and websites that are both responsive and cross-browser compatible. I can also use my JavaScript experience (especially with React and Node.js) to add interactivity to such websites.

Education

Stony Brook University

MATHEMATICS MAJOR AND COMPUTER SCIENCE MINOR

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

- 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

- 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
- Improved **accessibility** by implementing keyboard navigation

Weekly Planner

schedulemaker.netlify.com

KEEPS TRACK OF YOUR BUSY SCHEDULE

- 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