Ray Sy

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https://raysy.dev

Skills

Languages
Java • Python • JavaScript • Dart
SQL• Shell • C • HTML• CSS • C++

Frameworks/Tools
React • Flutter • Firebase • PostgreSQL
MongoDB • Heroku • Git • Electron

Design
Sketch • Photoshop • Illustrator
AfterEffects • Premier • FCPX

Links

Github:// **fireteam99**
LinkedIn:// **ray-sy**
Devpost:// **fireteam**
Handshake:// **Ray Sy**

Education

B.S. in Computer Science
Rutgers University, New Brunswick, NJ
Expected | May 2021
GPA | 3.7
Deans List | 2018 - Present

Coursework

Undergraduate
Design & Analysis of Algorithms
Discrete Structures I & II
Computer Architecture
Prin Prog Languages
Prin Info & Data Mgt
Data Structures

Activities

Clubs
FizzBuzz | **Tech Chair**
USACS | **Member**
RUMAD | **Member**
COGS | **Member**

Experience

Heat.wav | Technical Co-Founder
August 2018 - Present | New York, NY

- Early start-up building a location based music discovery platform.
- Responsible for overall technical design of the application including: back-end written in Node.js/MongoDB, and front-end in Flutter/Web.
- Creating personalized music feeds using geospatial aggregations, listening data, and client location services.
- Writing comprehensive unit tests using Jest and configuring continuous deplyments using Travis CI, Heroku, and Github.
- Implemented an efficient RESTful API to handle server-side operations.

iD Tech Camps | Instructor
June 2019 - August 2019 | Princeton, NJ

- Led engaging classes on Java programming and video-editing.
- Provided advanced technical support for all classes and troubleshooted and resolved hardware and software issues with computers, audio/video systems, etc.
- Communicated effectively with students of diverse backgrounds.

Projects

pL Game | Summer 2019
- A online multiplayer, turn-based card game developed using Boardgame.io, React, and Firebase.
- Mapped game state to visual state using state management tools to create a fluid user experience.

Project C.R.A.L. | Spring 2019
- Fully featured, open source CLI that automates course registration for Rutgers University made using Node.js & Puppeteer.
- Utilized Commander.js and Inquirer.js to build an attractive and user-friendly UI including live notifications with node-notifier.

Rescue | PennApps XVIII
- A webapp that connected rescuers and victims during natural disasters.
- Worked with Google Map's API and MongoDB to create a live interactive map.
- Utilized web sockets to provide real time messaging between users.

Rutgers Course Searcher | Summer 2018
- An improved course search engine for Rutgers University written using Express, EJS, and PostgreSQL.
- Designed and implemented an engaging front-end from scratch.
- Created a reliable commenting and rating system for users.