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 • Redis

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 | December 2020
GPA | 3.74
Deans List | 2018 - Present

Coursework

Undergraduate
Design & Analysis of Algorithms
Discrete Structures I & II
Computer Architecture
Brain-Insp Compututing
Prin Info & Data Mgt
Computer Security

Activities

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

Experience

American Express | Software Engineering Intern
June 2020 - August 2020 | New York, NY

• Created Experience Builder - a tool that empowers non-engineers to generate production ready UI variations for the consumer website.

• Designed a composer interface using React.js featuring an interactive canvas, sortable layer tree, and component palette, which reduced QA overhead by enforcing standardized design guidelines.

• Implemented a sought after code generation feature that allows developers to inspect outputted JSX and view necessary imports in real time from custom compositions.

• Integrated deployment options using Docker and Epass which significantly improved time to market by allowing the Marketing and Design teams to painlessly deploy and test changes.

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

• A location-based music & artist discovery platform undergoing beta-testing that placed in the quarter finals at NYU Innovention, and semi finals at RU Innovators.

• Designed and architected Heat.wav's tech stack to fit current and anticipated product needs while setting technical standards to ensure a maintainable codebase.

• Created personalized music feeds using geospatial aggregations, listening data, and client location services to ensure high quality unknown artists are discovered.

• Engineered a job queue using Redis which increased performance of vital API routes by 82% despite challenging rate limits on Spotify's API.

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

Project C.R.A.L. | Spring 2019

• An open source CLI published on NPM that automates course registration for Rutgers University using Node.js & Puppeteer.

• Utilized Commander.js and Inquirer.js to build a robust, user-friendly UI featuring live notifications with node-notifier.