Ray Sy

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https://raysy.dev

Skills

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

Frameworks
React • iOS • Android • PostgreSQL
MongoDB • Mapbox • Flutter • Git

Design
Sketch • Photoshop • Illustrator
AfterEffects • Premier • FCPX

Links

Github:// **fireteam99**
LinkedIn:// **ray-sy**
Devpost:// **fireteam**
Handshake:// **Ray Sy**
Personal:// **raysy.dev**

Education

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

Coursework

Undergraduate
Discrete Structures I & II
Computer Architecture
Prin Info & Data Mgt
Data Structures
Linear Algebra
Calculus I & II

Activities

Clubs
FizzBuzz | Tech Chair
USACS | Member
RUMAD | Member

Game Modding
Cities Skylines
Starcraft I & II
Minecraft

Experience

iD Tech Camps | Instructor
June 2019 - Present | 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.

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

• Implementing an efficient RESTful API using Node.js and MongoDB to handle CRUD operations on user and artist data.
• Creating a personalized music feed using complex geospatial aggregation and Flutter's Geolocation API.
• Writing scripts to parse artist/track information from Soundcloud and generate one time streaming links.
• Used Facebook's Account Kit to securely authenticate and authorize users.

James Jeon Films | Videographer & Editor
June 2015 - 2017| New Brunswick, NJ

• Learned and perfected advanced cinematography techniques.
• Crafted beautiful videos using professional editing software.
• Captured stunning ariel footage using drones.

Projects

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

• Fully featured CLI that automates course registration for Rutgers University using Commander.js and Inquierer.js.
• Utilized Puppeteer.js and Rutgers SOC API to intelligently monitor, notify, and register for multiple classes.

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

• A well featured course search engine for Rutgers University.
• Designed web based front-end using Sketch.
• Wrote a cron job that used Rutger's SOC api to periodically update course information.
• Created a solid commenting and rating system for users.

Swoletrition | PennApps XV

• An Alexa skill that allowed users to keep track of their daily macros hands free.
• Connected utterance functions with USDA api to log meals.