

Ray Sy

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Skills

Languages

Java • Python • JavaScript • HTML
CSS • Shell • C • C++ • SQL • Swift

Frameworks

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

Design

Sketch • Photoshop • Illustrator
AfterEffects • Premier • FCPX

Links

Github:// [fireteam99](#)
LinkedIn:// [ray-sy](#)
Devpost:// [fireteam](#)
Handshake:// [Ray Sy](#)
Personal:// [raysydev.com](#)

Education

B.S. in Computer Science

Rutgers University, New Brunswick, NJ
Expected | May 2021
GPA | 3.6
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

USACS
Fizzbuzz
RUMAD

Game Modding

Cities Skylines
Starcraft I & II
Minecraft

Experience

Heat.wav | Full Stack Mobile Developer

August 2018 - Present | New York, NY

- Utilizing Swift's Core Location along with GeoJson and Mapbox's SDK to create a live interactive map.
- Implementing an efficient and effective api using Express and Node.js.
- Writing scripts to parse artist/track information from Soundcloud and generate one time streaming links.
- Designing database models and schema using MongoDB and Mongoose.

LVL-Testbank | Full Stack Web Developer

August 2018 - Present | (Remote) New Brunswick, NJ

- Leading technical development of web-app including overall design of front-end and back-end.
- Managing small group of student developers using Trello for organization and Slack for team coordination.
- Set up, and administrating MongoDB database using Atlas.

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

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 location updates and messaging.

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.

BM_Bot | PennApps XVII

- Created a simple Q learning Starcraft II ai using pysc2.
- Was in charge of the overall strategy the ai followed.

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.