Ray Sy

https://raysydev.com/
raymancheungsy@gmail.com | 732-325-8389

SKILLS

PROGRAMMING

Strong:
Java • Python • JavaScript • HTML
CSS • Shell • LaTeX
Familiar:
C • C++ • SQL • C#
Frameworks:
React • iOS • Android • PostgreSQL
MongoDB • Mapbox • Git

SOFT

Strong organization, leadership and communication skills. • Solid work ethic and creative thinker.

DESIGN

Sketch • Photoshop • Illustrator
AfterEffects

EDUCATION

RUTGERS UNIVERSITY

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

LINKS

Github:// **fireteam99**
Twitter:// **@rs1gh**
Devpost:// **fireteam**
Soundcloud:// **ps1 _storm**

COURSEWORK

UNDERGRADUATE

Computer Architecture
Discrete Structures
Data Structures
Linear Algebra
Intro to Computer Science

ACTIVITIES

CLUBS

USACS
Fizzbuzz
RUMAD

EXPERIENCE

HEATWAV | Full Stack Mobile Developer

August 2018 - Present | New York, NY

- Responsible for managing MongoDB database where music and user information is stored.
- Worked with React Native to create UIs in mobile app.
- Helped coordinate frontend and backend.

LVLTESTBANK | Backend Developer

August 2018 - Present | New Brunswick, NJ

- Worked with MongoDB and express to manage store user information.
- Responsible for overall technical design and organization of project.
- Used paypal api to for e-commerce functionality.

PROJECTS

GEARHEADS | Fullstack Mobile Developer

August 2018 – Present | East Brunswick, NJ

- Social media platform focused on organizing car meet ups.
- Designed user interface using sketch.
- Wrote significant parts of the front end using react.

RUTGERS COURSE SEARCHER | Fullstack Web Developer

August 2018 – Present | East Brunswick, NJ

- Webapp that allows rutgers students to view, search, and personalize course data to make it easier to schedule classes.
- Used Rutgers API to parse schedule of classes information from rutgers api into postgresql database
- Wrote cron job to periodically keep course status updated and relevant.

HACKATHONS

COURSE HELPER | HackRU Spring 2018

- Allows Rutgers SAS students to find the optimal courses to fulfill their school requirements.
- Dynamic website was created using flask.
- Parsing course requirements and other backend work done using python.

BM_BOT | Pennapps XVII

- Created a simple reinforcement learning Starcraft II ai using google's pysc2.
- Designed and implemented the policies the ai followed.
- In charge of unit creation and overall strategy.

SWOLTRITION | PennApps XV

- An alexa skill that allows users to keep track of their daily macros hand free.
- Responsible for the storing the information users entered through utterances and information pulled from the usda api.