

Jay Mendapara

Contact

✉ jmendapara@gmail.com

☎ (908)-552-8747

in /jmendapara

www jmendapara.github.io

📍 4642 Bloomingdale Drive

Hillsborough, NJ 08844

Hackathons

JPMC Code for Good 2019

HackHERS 2020

Best Financial Hack

HackRU 2019

Best Use of Blockchain API

HackHERS 2019

Best AI/Data Science Hack

HackRU 2018

Best Use of Twilio API

Languages

Java, JavaScript, TypeScript,

HTML, CSS, SASS, JSP, C,

MySQL, DB2

Technologies

Vue, React, Angular, REST
API, Axios, NodeJS, Eclipse,
VS Code, WebLogic, Flexbox,
Github, Adobe CS

Coursework

Data Structures, Algorithms,
Databases, Software
Engineering, Systems
Programming, Computer
Architecture, Discrete Math

Education

Rutgers University, New Brunswick

Sept. 2017 – May 2021

B.S. in Computer Science, Minor in Psychology

- GPA: 3.78; Dean's List: All Semesters

Experience

Semandex Networks Inc.

June 2020 – Present

Software Engineering Intern

- Worked with VueJS, NuxtJS, and Vuetify to develop the front-end for a large-scale, data-driven application serving the U.S. DoD
- Rapidly prototyped designs using custom, reusable components
- Built a RESTful ExpressJS API to provide sample data for UI testing
- Proposed user flow solutions to PM based on client requirements

Rutgers First-Year Interest Group Seminar

April 2020 – Present

Computer Science Instructor

- Create and teach a Rutgers University accredited course that introduces 25 first-year students to computer science

United Parcel Service

Sept. 2019 – Feb. 2020

Software Engineering Co-op

- Worked on the International Data Capture team to develop a web app extension currently used by employees around the world
- Utilized a DataTable and dynamic forms to enable users to add, remove, and edit sort times for UPS hub sites
- Created custom services, models, data access objects, SQL queries, and UI components using Java and JSP

Cyber Innovation and Research Center

May 2019 – Sept. 2019

Software Development Intern

- Launched a full-stack Angular and Java application that generates modifiable student groups for professors
- Gained a strong understanding of JavaScript fundamentals, component-based architecture, and agile development

Microsoft

July 2019 – Aug. 2019

Summer Intern (Non-Technical)

- Shadowed multiple mentors who exposed me to technical and customer-facing roles in the tech industry

Personal Projects

Vocalart (*Microsoft LUIS Cognitive Service, React, p5.js*)

- **Problem:** Physically disabled people may have a hard time painting
- Enables users to draw customizable shapes using their voices, essentially allowing them to paint on a computer
- Configured custom intents, entities, and utterances for user input

Sharify (*Spotify API, OAuth 2.0, React, Flex, Heroku*)

- **Problem:** Spotify user cannot share their liked songs with friends
- Automatically creates a playlist of users' most recently liked songs
- To create your playlist, please visit: sharify-me.herokuapp.com

Venmore (*Twilio API, Capitol One API, React*)

- **Problem:** Venmo user cannot split a bill amongst a group of people
- Users can request money from different groups of people via SMS
- Ability to create and edit groups of people & their phone numbers