

Jay Mendapara

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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, JSP, C,
Python, TypeScript, HTML,
CSS, MySQL, DB2

Technologies

Angular, React, NodeJS,
jQuery, Eclipse, VS Code, TFS,
WebLogic, Jenkins, Flexbox,
Github, Heroku, Adobe CS

Coursework

Data Structures, Databases,
Software Methodology,
Systems Programming,
Computer Architecture,
Discrete Structures I and II

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

June 2020 – Present

Software Engineering Intern

- Design and develop applications using modern JS frameworks

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 an enterprise web application extension that was pushed to production
- Designed a DataTable and form 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 dynamically generates modifiable student groups for professors
- Implemented state management using NGRX and designed UX/UI prototypes to provide a fluid user experience
- Gained a strong understanding of component-based architecture

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

Rutgers Office of Information Technology

June 2018 – Aug. 2019

Assistant Lab Supervisor

- Managed a staff of 100+ consultants and helped resolve conflicts

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