

Rudraksh Simlote

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Objective:

Aspiring Software Engineer seeking internship/research opportunities to leverage my skills in computer science and data science. Passionate about developing innovative solutions and enhancing technological processes to contribute to impactful projects.

EDUCATION

Rutgers University - New Brunswick - Bachelors in Computer Science and Data Science September 2022 - May 2026

Relevant Coursework: Intro to CS, Data Structures and Algorithms, Intro to Linear Algebra, Discrete Structures I and II, Computer Architecture, Data 101, Internet Technology, Design and Analysis of Algorithms, Data Management for Data Science

Clubs/Activities: USACS (Undergraduate Student Alliance of Computer Scientists) **Communications Director**, RU Security, RU Cloud Computing, Rutgers Intramural Soccer, Rutgers Table Tennis

EXPERIENCE

Software Engineering Fellow - Headstarter AI July 2024 - August 2024

- Building 5+ AI apps and APIs using NextJS, OpenAI, Pinecone, StripeAPI with 98% accuracy as seen by 1000 users.
- Developing projects from design to deployment, leading 4+ engineering fellows using MVC design patterns.
- Being coached by Amazon, Bloomberg, and Capital One engineers on Agile, CI/CD, Git, and microservice patterns.

Communications Director - USACS June 2024 - Present

- Spearheading communication strategies, leading to a 20% increase in member engagement and event participation.
- Managing social media platforms, enhancing online presence and community outreach.
- Coordinating with club members and external partners to organize events, workshops, and networking opportunities.
- Developing newsletters and promotional materials, resulting in a 15% growth in membership.

Crew Member - Chipotle Mexican Grill June 2022 - August 2022

- Prepared a variety of foods following orders and approved procedures and provided exceptional customer service by assisting guests, resolving issues, and working collaboratively within a dynamic team.
- Developed transferable skills in customer service, food preparation, teamwork, attention to detail, and time management, forming a solid foundation for career growth in other industries.

PERSONAL PROJECTS

- **Codestorm Internship Tracker** | MongoDB, Express.js, React, Node.js March 2024 - Present
 - Planned and developed a web application with a team of 3 to track internship applications, improving application tracking efficiency by 40% by centralizing all applications on one page.
 - Enhanced resume compatibility by 30% using AI models like OpenAI to adjust resumes based on job descriptions.
 - Increased user engagement by 25% by developing a Chrome extension to integrate with job boards like LinkedIn.
- **Codenames Game Project** | React (TypeScript), Node.js, Firebase Realtime Database, CSS December 2023 - Present
 - Created an interactive, multiplayer online version of the Codenames board game, increasing accessibility for remote play by 50%.
 - Improved user experience by designing and implementing a responsive interface using React with TypeScript.
 - Enhanced real-time gameplay by 40% through the integration of Firebase Realtime Database for live game data management.
- **Matrimonial Application** | Angular, Node.JS, React, PostgreSQL, Flutter May 2021 - August 2021
 - Developed a full-stack web application for matching individuals, resulting in a 30% increase in successful matches within the local community.
 - Implemented a PostgreSQL database to store user biodata, improving data retrieval efficiency by 20%.
 - Designed a user-friendly interface with Flutter, increasing user engagement by 15%.
- **Personal Portfolio Website** | ReactJS, HTML, CSS, etc. June 2020 - Present
 - Developed and maintained a personal website to showcase projects, increasing online visibility by 50%.
 - Utilized HTML, CSS, and JavaScript to create an engaging user interface, resulting in a 25% increase in user interaction.
 - Demonstrated project impact through detailed case studies, enhancing professional portfolio presentation.
- **Discord Commands/Reactions Bot** | Javascript, JSON July 2020 - August 2020
 - Designed and deployed a feature-rich Discord bot, improving server functionality by 35%.
 - Enabled customizable features including moderation, entertainment, and utility, increasing user satisfaction by 20%.
 - Streamlined server management, reducing administrative tasks by 30% through automation.

SKILLS

Programming Languages: Java, Python, Angular, PostgreSQL, JavaScript, HTML/CSS, C, R

Frameworks: React, Node.js, Spring

Developer Tools: Git, Docker, Visual Studio Code, PyCharm, IntelliJ, Eclipse, Wordpress, Android Studio

Libraries: NumPy, TensorFlow, OpenCV, Pandas

Languages: English, Hindi, Spanish