MANNAN SHUKLA

CS @ Rutgers

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WHO AM I?

I'm an entrepreneur and tech enthusiast with various passion projects. I'm always excited to enhance my skills and further my knowledge through practical experiences. With years of public speaking experience, my leadership style focuses on fostering open communication and harnessing unique skill sets.

EXPERIENCE

2023 — **Student Design Researcher** — *Innovation, Design, and Enterprenuership Academy at Rutgers*
Developed volunteer management system to help nonprofit admins streamline the volunteering process. Met with different organizations across New Jersey to pitch product and gather feedback. Conducted primary and secondary product research, developed marketing materials.

2022 - Present — **Business Team Lead** — *Ampere Spark LLC*
Working on incorporating, securing funding, and designing an online presence for Ampere Spark, a startup building a Kitchen Appliance to ease the food preperation process. Currently building and designing a crowd-funding campaign and getting in touch with venture capitalists.

2019 - 2022 — **Founder and President** — *Robbinsville Hackathon Club*
Formed software focused community to compete in Hackathons, complete CTFs, and build club projects. Created the club website and spearheaded all tutorials and projects. Led outreach programs and built a workshop CTF for 8th graders who later joined as freshmen. Advocated on behalf of the organization for all administrative tasks.

PROJECTS

2023 — **headcount**
Created a volunteer management system webapp to free up time for managers for more important things. Used python fastapi backend, jinja templating, jsx and react frontend. Notable features include google login integration, google sheets integration, and systematic pdf generation.
`python / fastapi / mongodb / react`

2021 - 2022 — **rvilleforecast**
RHS Hackathon Club project. Constructed various Raspberry Pi based weather stations and placed them around town and sent their sensor data to a centralized server which performed calculations and sent the data to desktop and mobile clients. An API is under construction.
`mongodb / Linux / flask`

EDUCATION

2022 - Present — **B.S. Computer Science** — *Rutgers University*
Intro to Computer Science, Data Structures, Discrete Structures, Linear Algebra, Calculus I, Calculus II

2018-2022 — **High School Diploma** — *Robbinsville High School*
AP Computer Science, Physics, Calculus. Honors Student

LANGUAGES

English - Native
Hindi - Conversationally Fluent
Japanese - JLPT N5

HOBBIES

I love street photography, weightlifting, reading literature, and exploring local NJ cuisine

VOLUNTEERING

I volunteer for the Robbinsville Hydroponic Farm harvesting and packing lettuce grown in-house, along with volunteering for the Robbinsville Farmers Market. My picture was published in the magezine: "Our Robbinsville".