

# MANNAN SHUKLA

CS @ Rutgers



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mannanshukla

## WHO AM I?

I'm a highly driven aspiring technology professional and entrepreneur 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

- |                |   |                                    |
|----------------|---|------------------------------------|
| 2022 - Present | <b>Media Team Lead and Fellow</b><br>Prototyped and pitched a volunteer management system application aimed at helping alleviate food insecurity: HeadCount, which is currently in the development process. Currently DFA media team lead tasked with furthering media outreach and documenting meetings<br><code>figma</code> / <code>flask</code> / <code>swift</code> / <code>mongodb</code>   | <b>Rutgers Design For America</b>  |
| 2022 - Present | <b>Business Team Lead</b><br>Working on incorporating, securing funding, and designing an online presence for Ampere Spark, a startup building a Kitchen Appliance to ease the food preparation process. Currently building and designing a crowd-funding campaign and getting in touch with venture capitalists.<br><code>Digital Marketing</code> / <code>Crowdfunding</code>   | <b>Ampere Spark LLC</b>            |
| 2019 - 2022    | <b>Founder and President</b><br>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.<br><code>html</code> / <code>javascript</code> / <code>git</code>   | <b>Robbinsville Hackathon Club</b> |
| 2016 - 2022    | <b>Software Team Lead</b><br>FIRST is a worldwide robotics community which provides challenges to be completed by robots. I always worked with programming at each level of FIRST. I held leadership positions across my 3 teams going from Middle School to High School. I created autonomous runtimes and tuned manual controls for the robot. In addition, I worked with PID and motion profiling. I also wrote blogposts and spoke to sponsors during events.<br><code>Java</code> / <code>TensorFlow</code> / <code>Control Systems</code> | <b>FIRST Robotics</b>              |

## PROJECTS

- |             |   |
|-------------|---|
| 2021 - 2022 | <b>rvilleforecast</b><br>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.<br><code>mongodb</code> / <code>Linux</code> / <code>flask</code> |
|-------------|---|

## EDUCATION

- |                |  |                                 |
|----------------|--|---------------------------------|
| 2022 - Present | <b>B.S. Computer Science</b><br>Intro to Computer Science, Data Structures, Discrete Structures, Linear Algebra, Calculus I, Calculus II | <b>Rutgers University</b>       |
| 2018-2022      | <b>High School Diploma</b><br>AP Computer Science, Physics, Calculus. Honors Student   | <b>Robbinsville High School</b> |

## 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 magazine: "Our Robbinsville".