Sana Naik

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EDUCATION

Rutgers University Honors Program | Piscataway, NJ   **MAY 2026**
B.S. in Computer Science, Minor in Data Science | GPA: 4.0
Relevant Coursework: Data Structures and Algorithms, Computer Architecture, Linear Algebra, Discrete Structures I & II, Physics I & II, Calculus I & II, Statistics I & II, Computer Science Principles, Financial Accounting, Data 101

SKILLS

Coding Languages: Java, C, R, HTML/CSS, JavaScript, Python, SAP ABAP
Additional Tools: Git, Windows, Mac, and Linux OS.

PROJECTS

Implausibles: FirstEnergy Internship Project   **CURRENT**
- Developed an **SAP program** based off an existing **Python** program, using **Open SQL** to access FirstEnergy's historical meter consumption data, create bins to categorize each type of meter reading, and calculate confidence intervals to automate the process of reviewing and releasing future "implausible" KWH consumption values.

frogspawn: HackHERS Prize Winner   **FEB 2023**
- Collaborated on designing a **website** on GitHub Pages using **Figma** which encourages the preservation of endangered frog species. Coded and debugged a **chat bot** using **Discord.js**, and created a presentation video for the judges.
- Try it here: https://devpost.com/software/frogspawn

FIRST Robotics Competition: Programmer   **2019-2022**
- Designed, implemented, and troubleshot 100% autonomous **Java** code for our team's robots, using **Git** to collaborate.
- I primarily programmed *Ursa's* color sensors and drivebase mechanisms and mentored new members during the summer.

AWARDS

School of Arts and Sciences Dean's List (x4)   **JUN 2024**
Rutgers University HackHERS - Prize Winner (Best Social Good)   **FEB 2023**
The First Tee of Raritan Valley College Scholarship Award   **AUG 2022**

EXPERIENCE

FirstEnergy Corp. - *Information Technology Support Intern*   **CURRENT**
- Developing **SAP ABAP** programs using **Open SQL** to access and analyze data from FirstEnergy's database.
- Learned about **development stages**, **transport requests**, and **unit-testing + black-box-testing code** to prepare it for release.

Rutgers Formula Racing - *Data Acquisition*   **SEP 2023 - MAY 2024**
- Used **Python** and MATLAB software to collect telemetry data from Formula 1 races.
- Analyzed **sensor-collected data** and created testing procedures that we used to evaluate the quality of our car.

Summer Intern - *First Tee of Raritan Valley*   **JUN 2023 - AUG 2023**
- Learned about business organization, branding, marketing, and creating lesson plans.
- Coached children of various ages (7-16), led them in activities, and helped them learn the game of golf.

Assistant Coach - *First Tee & LPGA*USGA Girls Golf*   **APR 2023 - NOV 2023**

CLUBS & ORGANIZATIONS

New Beginnings Animal Rescue - *Foster and Volunteer*   NOV 2023 - **PRESENT**
SAS Honors Program Peer Tutor   SEP 2023 **- DEC 2023**
- Tutored Rutgers students in Introduction to Computer Science, Data Structures, and Linear Algebra.

RUCP (Rutgers University Competitive Programming)   APR 2023 - **MAY 2024**
- Attended workshops and presentations to learn about **competitive programming theory** and solving problems.

BITS (Business Information Technology Society**)**   SEP 2023 - **MAY 2024**
- Learned skills needed in BAIT through workshops, such as how to use **Excel**, **Python**, and **SQL**.