Sai Manukonda

saimanukonda24@gmail.com | 732-666-8246 | linkedin.com/in/sai-manukonda-9607621a1 | github.com/saimanukonda

EDUCATION

Rutgers University – New Brunswick, NJ   **Expected Grad: January 2024**
Bachelor of Science, Computer Science (Minor - Math)   **Cumulative GPA – 3.54 | Major GPA – 3.7**
Relevant Coursework**:**
      Past - Data Structures, Linear Algebra, Intermediate Statistical Analysis.
      Spring 2022 – Discrete Mathematics, Computer Architecture, Multivariable Calculus.

TECHNICAL SKILLS

Languages: Python, Java, R, HTML/CSS, JavaScript, MATLAB
Technologies/Frameworks: React.JS, Node.JS, MongoDB, Express, Pandas, NumPy, Matplotlib, Flask, Bootstrap

EXPERIENCE

Code Ninjas | *Coding Instructor* – Princeton, NJ   **Sep. 2019 – Jan. 2020**
    Introduced children ages 7-14 to programming and robotics. Utilized the center's curriculum, which was mainly focused on Java script. Concepts ranged from making simples games and webpages all the way to making IOS apps.

PERSONAL PROJECTS

Emaily – Node.JS, Express, React.JS, MongoDB **|** https://github.com/SaiManukonda/Emaily
    Full stack web application that allows companies and organizations to send out surveys to their customers. Used Google OAuth for authentication, Stripe for payments, and Send Grid to send out the emails. Used Mongoose.JS to aid with the use of MongoDB. Takes the surveys that these companies inputted and sends it to the emails that were provided. There is a dashboard, which was built using React.JS, where these companies can view their survey results.

Safe Search – Flask, HTML/CSS/JS, Bootstrap **|** https://github.com/SaiManukonda/Safe-Search
    Safe Search tells its users when it is safe to visit a certain place. This app was built specifically for covid, a time when it is best to avoid big crowds. Used Flask and Google Places API for the backend. Used Bootstrap for the front end. The app fetches data from different sources and analyzes when a certain place will not be busy and displays it to the user.

Mirror Dashboard – Python, HTML, google-cloud, raspberry-pi **|** https://github.com/dwang/teenhacksli-2019
    Mirror Dashboard allows its users to be constantly updated about current events despite limited connectivity as a result of network congestion. Mirror Dashboard checks for internet access periodically and updates the site's information from a Google Cloud Compute Engine VM that scrapes the important content. The site can be accessed through the raspberry-pi WIFI network. This was built during the TeenHacksLI hackathon.

LEADERSHIP/EXTRACURRICULAR

USACS | Rutgers
    USACS aims to connect the Rutgers University Computer Science community with each other. USACS meets at a place called the cave, where the members collaborate to solve world problems with the help of computer science.

AWARDS/HONORS: National AP Scholar, SAT – 99th percentile, Deans List