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ANIKAIT SHARMA

Github: anikait627
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Computer Skills

Python

C/C++

HTML/CSS

JavaScript

React.js

Node.js

Linux

Git

Figma

Honors and Organizations

IEEE

Aggie Coding Club

EMC

Engineering Honors

Dean's Honor Roll

TAMU Rock Climbing

Relevant Courses

Data Structures

Linear Algebra

Discrete Mathematics

Vector Calculus

Hobbies

Rock Climbing

Tennis

Hiking

Cooking

Experience

Research Assistant ~ AVFL — Aug. 2019 - Present

- Developing shipboard VTOL UAV autonomous landing system.
- Developing image detection scripts in python using openCV

Software Engineering Intern ~ Bungee Tech — May 2019 - Aug 2019

- Developed web-crawling scripts to scrape data such as price, customer review, product title, brand, and more - using puppeteer in node.js
- Set up linux servers using centOS to rotate thousands of IP addresses globally for web-crawling scripts
- Constructed parts of the company webpage using js/html/css/mustache and designed in Figma

UI Team Researcher ~ Aggie SpaceCRAFT — Jan 2019 - May 2019

- Created a virtual reality tool for large-scale engineering system design, integration, and collaboration
- Designed and built a software platform for real-time collaborative systems engineering and scenario-based Virtual Reality simulation using UE4

Projects

Full House ~ HackTX PwC Challenge Winner — Oct. 2019

- Help shelters manage their inventory by determining scarcity or surplus
- connect shelters with others that may have the supplies that they need
- Developed using React, Node, Express, BeautifulSoup, MongoDB

Project Manager ~ NASA L'SPACE Virtual Academy — Jan 2019 - May 2019

- Scripted models, charts, and simulations of the possible flight plan for the Lucy rovers using python
- Wrote and presented a preliminary design report based on the models and research developed for the Lucy Space Mission

Extracurricular Activities

Engineering Mentor ~ Engineering Mentorship Council — Aug 2018 - Present

- Facilitate the academic and professional development of first-year College of Engineering students
- Organize weekly meetings that are designed to make students feel confident and goal-oriented within their engineering discipline

Education

Texas A&M University — Bachelor of Science - May 2022
Major: Computer Science || Applied Mathematics

Engineering Honors Program