

Anikait Sharma

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Education

Texas A&M University

College Station, TX

B.S. IN COMPUTER SCIENCE AND B.A. IN APPLIED MATHEMATICS

Aug. 2018 - May 2022

- Dean's Honor Roll | TAMU Distinguished Student | Engineering Honors Program
- Grace Hopper Conference Scholarship

Skills

Languages Java, TypeScript, JavaScript, Python, C/C++, HTML5, CSS, git, \LaTeX

Frameworks Node.js, React.js, Express, Puppeteer, Selenium, BeautifulSoup, Numpy, Matplotlib, Pandas, Surprise

Experience

Nepri Inc.

Plano, TX

SOFTWARE ENGINEER INTERN

May 2020 - Aug. 2020

- Built a collaborative filtering recommendation engine in python using surprise, LightFM, numpy, and pandas
- Implemented matrix factorization methods (SVD, SVD++) and increased accuracy by 80%

Nepri Inc.

Plano, TX

SOFTWARE DEVELOPMENT INTERN

Dec. 2019 - Apr. 2020

- Developed a React based single page app which allows operators to manage business logic - used by 100+ employees
- Launched a virtual classroom platform to help 1000+ teachers schedule and conduct online lectures
- Established a CI/CD workflow using Azure DevOps

Bungee Tech

Berkeley, CA

SOFTWARE ENGINEER INTERN

May 2019 - Aug. 2019

- Deployed scripts to collect 1,000,000+ data points from e-commerce sites in node.js using selenium - displayed data in Kibana for 100+ customers
- Set up linux servers using centOS to rotate 15000+ IP addresses globally
- Constructed parts of the company webpage using javascript with mustache and Figma for design

Advanced Vertical Flight Lab

College Station, TX

RESEARCH ASSISTANT

Aug. 2019 - Dec. 2019

- Integrated shipboard VTOL UAV autonomous landing system
- Remodeled image detection scripts with openCV - increasing accuracy by 40%

Projects

Helping Eye

FIRST PLACE MICROSOFT CHALLENGE, FIRST PLACE GARTNER CHALLENGE, TOP 6 OVERALL - TAMUHACK

Jan. 2020

- Developed a chrome extension chatbot to help the visually impaired execute high-level functions
- Allowed developers to add actions to the extension to increase accessibility for their applications
- Built extension using react.js, node.js, NLP and ML using Azure LUIS API

Full House

FIRST PLACE PWC CHALLENGE - HACKTX

Nov. 2019

- Created a full-stack web-app to help shelters manage their inventory by determining scarcity or surplus
- Built web-app using react.js, node.js, express, beautifulSoup, mongoDB

Extracurricular Activity

TAMUhack

College Station, TX

LOGISTICS DIRECTOR

Feb. 2020 - Present

- Organizer for TAMU's largest hackathon - attracting 800+ students all over the U.S.

Aggie Coding Club

College Station, TX

VICE-PRESIDENT

Jan. 2020 - Present

- Oversee logistics between companies, students, and TAMU to provide opportunities for industry recruitment and networking
- Organize weekly meetings and workshops to educate students in all disciplines on various topics in tech