

Ananya Vangoor

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SKILLS SUMMARY

- Programming languages: C++, HTML, CSS, Xcode (Swift), Linux, JavaScript, Python
- GIAC Foundational Cybersecurity Technologies (GFACT) Certification

EDUCATION

University of Arkansas Fayetteville, Arkansas
B.S. Computer Science & Mathematics (Statistics Concentration) | GPA: 4.0 Expected: May 2025

- Scholarships: 2021 Bodenhamer Fellow, Arkansas Governor's Distinguished Scholar

WORK EXPERIENCE

Emerging Digital Technologies (EDT) Intern, ConocoPhillips May 2023 – Present

- Responsibilities include assisting with ongoing efforts within EDT including computer vision, digital twins, IOT, VR, 3D printing, AI, technology catalog, technology tracker and drones

Undergraduate Teaching Assistant, Univ. of Arkansas August 2022 – May 2023

- Conducting weekly labs that teach the students various C++ topics including arrays, classes, pointers, loops
- Writing homework projects, grading labs and projects, debugging students' code, sharing Linux tricks, and teaching them to the best of my ability so they truly understand and enjoy the coding process

Tyson Foods Externship Program Fall 2022

- Shadowed Tyson engineers, informed about the professional work of an engineer, and learned about the timeline of an engineering project from concept to construction
- Developed an individual research project regarding technological improvements in the poultry industry

RELEVANT PROGRAMS

Google's CSSI Online Summer Camp Summer 2021

- Learned JavaScript for game development through lectures provided by Google's software engineers, collaborated with two other students to create a replica of the "Sugar, Sugar" game in JavaScript

PROJECTS

Boss Hog Outfitters App February 22, 2022 - Present

- Working with a team of five to create an application that tracks items checked out from Boss Hog Outfitters, a campus career closet where students borrow professional clothing
- Utilizing react-js to develop the front-end validation form for the application

Hand Poses IOS App April 2022

- Utilizing the CoreML software, I developed an IOS application that would capture one of three hand poses and then perform certain pranks based on the hand pose (<https://github.com/avangoor1/hackathon2022>)

Health Safety Website JBHunt Hackathon November 19-20, 2021

- Using HTML, CSS, and JavaScript, programmed an interactive safety website filled with numerous children's activities in a span of 22 hours

LEADERSHIP

Engineering World Health Teams Vice President, Univ. of Arkansas Spring 2022 - Present

- Working on a vehicle design that can transport heavy medical equipment across various terrain types
- Maintaining weekly meeting reports, creating logistical details, and coordinating with the President

Honors College Ambassador, Univ. of Arkansas Fall 2021 - Present

- Volunteering as a mentor for potential fellow candidates during Fellowship Weekend and assisting with other on-campus events throughout the year

Society of Women Engineers, Univ. of Arkansas Fall 2021 - Present

- Serving as the University Relations officer, communicate between the engineering council and my club, conduct monthly meetings, assist in bringing companies to recruit for women in STEM

AWARDS

- 2022 & 2023 Chancellor's and Dean's List – University of Arkansas
- 2022 ConocoPhillips Innovation Challenge 2nd Place
- 2022 University of Arkansas Engineering Freshman of the Year
- 2021 National Honorable Mention of the NCWIT Award for Aspirations in Computing
- 2021 SANS CyberSecurity Top 500 Competitor & \$2500 Scholarship Winner