

Ananya Vangoor

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SKILLS SUMMARY

- Programming languages: C++, HTML, CSS, Xcode (Swift), Linux, JavaScript, Python
- GIAC Foundational Cybersecurity Technologies (GFACT) Certification
- Personal Website: <https://avangoor1.github.io>

EDUCATION

University of Arkansas

B.S. Computer Science & Mathematics (Statistics Concentration) | GPA: 4.0

Fayetteville, Arkansas

Expected: May 2025

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

WORK EXPERIENCE

Undergraduate Teaching Assistant, Univ. of Arkansas

August 2022 - Present

- 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 Externship Program

September 2022 - Present

- Obtaining mentorship from current Tyson employees in the engineering department and learning about their day-to-day activities

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

Jokes Swift App

February 2022

- Created an app that made calls to an API, parsed the JSON, and displayed the joke and answer on a simple user interface (<https://github.com/avangoor1/JokesApp>)

Hand Poses IOS App

April 2022

- Utilizing the CoreML image detection software, I developed an IOS application that captured one of three hand poses and pranked the user 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 kids activities in a span of 22 hours

LEADERSHIP

Honors College Ambassador, Univ. of Arkansas

Fall 2021 - Present

- Volunteered as a mentor for potential fellow candidates during Fellowship Weekend and 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

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

AWARDS

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

OUTSIDE PROGRAMS

Google's CSSI Online Summer Camp

Summer 2021

- Learned JavaScript for game development through lectures provided by Google's software engineers