




Aishwarya Sudarshan

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 aishwarya-sudarshan |  AishwaryaSudarshan |  Portfolio Website

EDUCATION

- **The University of Texas at Dallas - Richardson, TX** Expected Graduation: May 2025
B.S. Computer Science GPA: 3.7/4.0
 - **Relevant Coursework:** Computer Architecture. Advanced Data Structures and Algorithms. Discrete Math. Systems Programming in UNIX. Operating Systems. Programming Languages. Automata Theory
 - **Honors:** National Computing & Women in Technology (NCWIT) Honorable Mention, Grace Hopper Conference Scholar (GHC) 2022

SKILLS

- **Programming:** C/C++, LaTeX, React, Next, Typescript, Tailwind, Java, Python, CSS, HTML, JavaScript
- **Framework/Tools:** Github, VSCode, Linux, PyCharm, Firebase, DynamoDB, Amazon Web Services (AWS) Lambda, Git, Spring Tool Suite, Postman, Splunk

EXPERIENCE

- **Gazelle Ecosolutions** May 2023 - August 2023
Software Engineer Intern
 - **Frontend Developer:** Engineered Gazelle Hub's frontend interface utilizing TypeScript and React, empowering ranchers to seamlessly compute carrying capacity, predict stocking rates, and effectively administer rangeland.
 - **Prototype Visualization:** Designed 10+ screens for Gazelle Hub's inaugural live demo.
- **State Farm** June 2022 - July 2022
Enterprise Technology Intern
 - **Backend Developer:** Utilized Lambda functions to seamlessly migrate a REST API onto the AWS cloud, demonstrating adept management of database interactions.
 - **Data Operations:** Managed HTTP requests and orchestrated efficient database interactions, optimizing data retrieval and utilization for users of the Drive Safe and Save (DSS) app, and decreasing support ticket volume by 10%.
- **Ericsson** June 2021 - August 2021
Business Operations Intern
 - **Web Developer:** Developed an external website using SharePoint aimed at enhancing engagement for the company's mentorship program.
 - **Market Analyst:** Researched innovative mentorship program initiatives like testimonials for internal implementation, resulting in a notable 20% increase in engagement.
- **SafeStamp** January 2021 - August 2021
Analyst Intern
 - **Investor Relations:** Worked with the CEO & Vice President to identify and contact investors in pharmaceutical and technology industries to fundraise over \$2.5M for seed stage.
 - **Market Analyst:** Researched commonly used pharmaceutical products subject to counterfeit to contact industry specific investors and increased outreach by 40%.

PROGRAMMING PROJECTS

- **SnapCycle:** An image classification app that the general public can use to accurately classify recyclable items by using a pre-trained CNN for an ML model and TFLite for full stack application. - **UT Arlington Student Computing Research Festival Grand Prize Winner, AYSI App Challenge 4th place**
- **Drowsy Driving:** Aims to prevent casualties using facial recognition to alarm sleepy drivers with a programmed raspberrypi to output flashing LED lights and audio. - **HackUTD Top 15/200 Toyota Sponsor Challenge**
- **TrendSent:** A tool to gain insights on financial forecasts of companies using ML, sentimental analysis, and generative AI. - **HackUTD 3rd Place Goldman Sachs Sponsor Challenge**

LEADERSHIP

- **Artificial Intelligence Society (AIS) - Technology & Logistics Team:** Worked on creating club and hackathon website, organizing HackAI, largest AI based organization hosted hackathon on campus.
- **Women Who Compute (WWC) - Vice President:** Organize a speed mentoring and conference event, network with corporate representatives, design and deploy website, and host corporate collaborations for university student opportunities.