

Aishwarya Sudarshan

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EDUCATION

- **University of Texas at Dallas** Richardson, TX
B.S Computer Science, GPA: 3.9 /4.0 May 2025
- **Plano West Senior High School**
Summa Cum Laude May 2022

WORK EXPERIENCE

- **State Farm** June - July 2022
Enterprise Technology Intern
 - **Developer:** Migrated a Rest API to AWS cloud using Lambda functions and HTTP request operations to integrate into a PostgreSQL database using Python libraries.
- **Ericsson** June - August 2021
Business Operations Intern
 - **Web Developer:** Created external website to increase engagement for company's mentorship program.
 - **Market Analysis:** Researched mentorship program initiatives to implement within the company to increase engagement by 20% and presented development strategies to executives.

PROGRAMMING PROJECTS

- **Drowsy Driving**
Creator, Engineer, Backend
 - **Project Description:** Aims to prevent casualties by using facial recognition to alarm the driver if they are sleeping.
 - **Tools:** Utilized pre-built facial recognition model to landmark the eyes, programmed raspberrypi to use a videostream and output flashing LED lights and audio if driver is drowsy
 - **Awards:** Top 15 in Toyota Sponsor Challenge out of 200 teams
- **Foster Finder**
Creator, Full Stack
 - **Project Description:** Provide a networking platform for foster parents to connect with representatives, organizations, and other parents.
 - **Tools:** Utilized Next.js and React.js for frontend, Firebase for backend authorization, and tested API using Postman
- **SnapCycle**
Creator, Full Stack
 - **Project Description:** An image classification app that the general public can use to accurately classify recyclable items and minimize contributions to global warming.
 - **Tools:** Utilized a kaggle dataset, trained an ML model using a pre-trained convolutional neural network InceptionV3, built UI using Figma, and used TFLite and Android Studios to integrate frontend and backend.
 - **Awards:** UT Arlington Student Computing Research Festival Grand Prize Winner, Association of Young Scientists and Innovators App Challenge 4th place, Science Fair Regional Grand Prize Winner

SKILLS

- **Technical Languages:** Java, Python, L^AT_EX, C++, React.js, Next.js, CSS, HTML, JavaScript
- **Programming Tools:** JGrasp, PyCharm, Firebase, GitHub, Gitlab, Spring Tool Suite, Postman, Splunk, Sharepoint, VS Code, Astah

SELECTED HONORS

- **Honors:** National Computing & Women in Technology (NCWIT) Honorable Mention, Grace Hopper Conference Scholar (GHC) 2022, Hack Beak Pot Hackathon Winner, First Time Hacker Award