

HARINEE SHRIJAA SARAVANAKUMAR

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EDUCATION

The University of Texas at Austin	Bachelor of Science, Computer Science Minor: Business GPA: 3.75	May 2027
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EXPERIENCE

Incoming SWE Intern @ State Farm	May 2025
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North Star Identity	September 2024 – December 2024
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IAM Intern

- Completed training in Gen AI and an Intro to Cloud Computing (AWS, Azure, and GCP) course enhancing my technical expertise
- Presented findings from my courses to the intern team in weekly meetings, fostering collaboration and knowledge sharing
- Actively pursuing knowledge in cybersecurity concepts and IAM methodologies to prepare for future contributions in the field

The Tutoring Center	January 2022 - May 2023
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Intern Instructor

- Utilized exam data and tactical planning to craft personalized academic strategies, enhancing performance for over 50 students
- Elevated K-12 students' math skills from operations to calculus and improved reading abilities from alphabet recognition to writing
- Efficiently manage desk operations, handle inquiries, schedule appointments, maintain student records, and coordinate supplies

LEADERSHIP EXPERIENCE AND ACTIVITIES

UT SEEK - UT Engineering Mentorship Program	August 2024 - Present
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Student mentor

- Mentored low-income students in engineering concepts, promoting academic and social development through weekly sessions
- Fostered positive one-on-one relationships with mentees to help them set goals and improve learning and creativity skills
- Documented mentoring experiences in weekly journals, enhancing reflection skills and contributing to personal growth

San Antonio Math Include - International non-profit organization for STEM education	August 2020 - Present
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Prosper Chapter Director

- Instructed Python virtually to grades 3-5 and Java to grades 6-8, tailoring lessons to build foundational programming skills
- Organized and led a yearly 3-week summer coding camp, delivering immersive coding instruction and hands-on learning experience
- Recruited 10-15 new tutors and students for Prosper, significantly contributing to the expansion of the non-profit organization

Women in Computer Science - UT non-profit organization	August 2023 - Present
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Member

- Led CS major high school graduates in the Follow the Leader program, offering strategic advice and support for transition
- Participated in the Nell-Dale Mentorship Program, gaining insights and receiving expert guidance for CS opportunities
- Contributed to technical workshops, networking functions, and social events to enhance industry knowledge and build a network

Engineering Club - Prosper-ISD Engineering Team	January 2021 - May 2022
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Electrical Team Lead & Business Team Member

- Mastered advanced soldering techniques to fabricate and install high-performance solar panels for the Solar Car Challenge
- Designed a team website and curated media presentations of projects, boosting sponsorship opportunities and team visibility
- Mentored new club members on the wiring system and facilitated hands-on experience with solar car installation and calibration

UT Nritya Sangam - UT Austin's competitive Indian Classical dance team	August 2023 - Present
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Dancer and Choreographer

- Competed as one of 17 team members in multiple dance competitions, securing placements in 3 events and advancing to nationals
- Choreographed a standout dance piece and curated custom music mixes, elevating team performances and instruction
- Assisted in coordinating and performing in an annual charity showcase, raising \$2k for the Ronald McDonald House Charities

PROJECTS

Zoo Animals Data Analysis and Visualization - Prosper Career Independent Studies	January 2023 - May 2023
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Mentor: Trisha Nag, Data Engineer at USAA

- Developed interactive Tableau dashboards to analyze zoo animal data, resulting in a 30% improvement in data visualization clarity
- Applied Python for data mining and organization, streamlining data processing and improving the accessibility of the dataset
- Crafted and presented an interactive PowerPoint on zoo animal correlations, clearly conveying key insights from the data analysis

CS 314 Data Structures - UT Austin	January 2024 - May 2024
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- Huffman - utilized priority queues and bit encoding to encode and decode data, optimizing storage and various file type retrievals
- Evil Hangman – employed HashMap and Array Lists to manage word frequency and pattern matching, enhancing game complexity
- Anagrams – leveraged recursive backtracking to find all valid anagrams of a given word, optimizing performance and accuracy

ADDITIONAL INFORMATION

Computer Skills: Advanced Java, Python, C, Linux, AWS Cloud Services, Tableau, Aseembly, OS

Certifications: AWS Cloud Practitioner, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Autodesk Inventor, Adobe Photoshop

Languages: Fluent in English and Tamil, Intermediate in Spanish

Interests: Mandala artwork, Stitching, Piano, Social Media Marketing, Puzzles, Traveling, IM Sports

Eligibility: Eligible to work in the U.S. with no restriction