

Pranav Kasibhatla

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EDUCATION

The University of Texas at Dallas

May 2025

Bachelor of Science, Computer Science

Overall GPA: 3.56

Professional Certificates: Cisco Data Analytics Certificate

SKILLS

Technical Skills: AWS, Python NLTK, BeautifulSoup4, Java, JavaScript, Python, C++, C#, HTML, CSS, Agile development, GitHub, React.js, Node.js, SQL, Tableau, Product Management, PyTorch, Hugging face

EXPERIENCE

Generative AI Extern

Cognizant

June 2024-August 2024

- Built robust image classification model using PyTorch, **reducing processing time for production model by 45%**
- Refined and optimized in-house image classification models utilizing established architectures such as VGG and AlexNet.
- Adapted various foundational models through techniques like prompt tuning, in-context learning, and parameter-efficient fine-tuning to improve performance and efficiency.

Business Data analytics and Technology Automation Intern

Ekal Vidyalaya

June 2023-August 2023

- Generated **10-year linear regression models** to forecast nationwide donor engagement for 8 USA chapters
- Developed API to automatically consolidate credit card and check donations into DonorPerfect (CRM Database)
- Programmed backend matching software to streamline transaction process with database, **reducing processing times by 30%**
- Extracted handwritten text from thousands of checks using **PyTesseract AI** to completely automate manual entry process
- Overlooked tech systems and donation collection for various fundraising events **raising \$500,000 for schools** in rural India

Machine Learning Software Developer

Artificial Intelligence Society (AIS).

August 2022 - December 2023

- Implemented policy based deep reinforcement learning model to forecast stock market trends resulting with a ROI of **125%**
- Deployed the application to the cloud using AWS Sagemaker, **reducing model runtime by 55%**
- Presented project to 50 AIS members and 3 AWS representatives to raise interest in stocks and showcase AI

Software Developer

Freelance Project

July 2022 - November 2022

- Successfully migrated legacy church software system from VB.net to C# to improve compatibility
- Developed Window's forms-based data entry software, consolidating religious event entries and streamlined management
- Engineered **AWS based cloud model** to improve compatibility and scalability, further reducing maintenance costs by **15%**

LEADERSHIP EXPERIENCE & ACTIVITIES

Hindu Swayam Sevak Sangh

Houston, TX

Chapter Youth Leader

September 2021 – Present

- Lead meetings with 20 other Hindu community members to foster unity and raise awareness
- Organize weekly workshops, with exercise, yoga, games, and discussions about our community
- Provided marketing support by hosting monthly functions, increasing average chapter headcount by 12

National Speech and Debate Association (NSDA)

Houston, TX

Debate Judge/Private Coach

September 2021 – Present

- Evaluated and assessed more than 100 debate rounds encompassing global policy, current events, and critical issues
- Provided 7 HS debaters advanced coaching in public speaking, persuasion, and argumentation
- Leveraged expertise in debate strategies and effective coaching techniques, resulting in competitive success

AWARDS

3X Public Forum National Tournament qualifier & **National Speech and Debate Association** Superior Distinction Award

3X Texas Forensics Association State Tournament qualifier & **7X TFA** Debate Tournament champion

Hindu Swayam Sevak Sangh National Hindu youth Leadership Award