

Sandeep Mishra

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CAREER OBJECTIVE

Aspiring and dedicated computer engineering undergraduate with a strong background in C++, AI/ML, and Java looking for an internship in any area of computer science. Currently developing and testing Generative AIs with NLP Queries and reinforcing skills in AWS in a team environment through purposes of software development.

EDUCATION

Texas A&M University, College Station, TX
Bachelor of science in Computer Science and Engineering

Expected Graduation: Spring 2025
GPA: 3.5

Technical Skills

- Java/JavaScript
- Python and AI/ML
- C++
- AWS
- Dart and Flutter

Courses

- Deep Learning Chat GPT prompt
- Deep Learning Building systems
- LangChain AI
- AWS cloud practitioner essentials

Work Experience

- **Priro Systems Inc.** **June 2023-Present**
Priro Systems Intern
 - Developed downstream interfaces using Generative AI and creating NLP queries that used to interact with SaaS platform
 - Built a greater understanding of AWS Cloud Infrastructure that hosted the SaaS platform
 - Collaborated with another intern to brainstorm ideas and get feedback on NLP queries for the purposes of fine tuning and reducing errors by approximately 20%
- **SmartMathTutor** **May 2022- July 2022**
 - Helping middle and high schoolers out with math computations, capturing the teaching environment, and checking their homework all through online with the purpose of a successful grades in school, competitions, and CBE.
 - Taught over 60 students all of different math backgrounds ranging from Pre-K to Calculus

Projects

- **Health App**
Front end Developer
 - An app that records the number of calories a person has consumed and what portion of the calories are carbohydrates, fats, and proteins.
 - Implemented a toolbox to give you substituted options that fits the person's nutritional needs
 - Combines nutritional numbers with the Nutrition Database API and meal plans using Suggestic API
 - Programmed using Dart and Flutter on front end and Firebase in back end
- **Face detection**
Hardware Engineer
 - Allows users to be able to detect themselves with the light turned green or turn red on breadboard if irregularities are found
 - Implemented the camera functionality using Arduino IDE
 - Programmed using Python at TAMUHACK
- **H&R Bot**
Software Developer
 - Designed using Python and APIs such as ZenQuotes and Urban Dictionary for users to interact with.
 - Implemented sentiment analysis to process Discord messages from users to handle negative comments

Extracurricular Activities

- **Texas A&M Cybersecurity Club Member** **September 2022 - Present**
- **TACS Member** **January 2023 - Present**
- **TAMUHACK Participant** **January 2023**