

Nishka Mittal

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EDUCATION

Texas A&M University, College Station, Texas

May 2025

*Bachelor of Science in **Computer Science***

Dean's Honor Roll: Fall 2021 - Present

Major GPR: 4.0 / 4.0 Overall GPR: 4.0 / 4.0

TECHNICAL SKILLS

- Python, Java, C++. Scheme, Logisim, SQL, HTML, CSS, Linux, Git, Virtual Machines, .Net, R, PowerBI
- VS Code, MATLAB, x86 Assembly Code, DrRacket, JavaFX Scene Builder, Jupyter Notebook
- Certification in Microsoft Office

COURSES

- Discrete Structures Computing, Linear Algebra, Principle of Statistics
- Data Structures and Algorithms, Computer Organization, Programming Languages
- Intro to Computer Systems, Programming Studio

INTERSHIPS

Corporate Technology Intern, American Bureau of Shipping (ABS)

May 2023 – August 2023

Data and Digital Applications Team

- Used Python and FEMAP to analyze corrosion levels of vessels and conduct maintenance prediction for clients
- Used machine learning approaches to analyze the accuracy of sensor data and determine the best approach
- Attended Carbon Capture Expo in NRG Stadium, Houston, TX to conduct research on the viability of carbon capture and present findings to the Board of Technology

Research Intern, SEC Directed Internship

May 2022 – August 2022

Machine Learning Team

- Used Ladder Logic and MATLAB to develop a program that would limit human contact in the maintenance checking process for the mining industry
- Presented product and future possible developments to a panel of entrepreneurs

ACADEMIC PROJECTS

Java Student Database

Spring 2023

- Used Eclipse and JavaFX Scene Builder to design and develop an interactive user interface for storing, updating, and creating queries related to student data

y86 CPU Design

Spring 2023

- Used Logisim and Assembly Code to design a y86 CPU with the Fetch, Decode, and Execute Cycle

WORK EXPERIENCE

Texas A&M University, College Station, Texas

August 2022 - Present

Career Center Front Office Assistant

- Scheduled advising appointments using Microsoft Excel and Outlook for students
- Answered phone calls from students and employers regarding career fairs and job opportunities
- Hosted virtual resume review sessions for students and advisors

LEADERSHIP

Aggie Women in Computer Science (AWiCS), Texas A&M University

May 2023 - Present

Corporate Outreach Officer

- Maintain positive relationships between employers and students by hosting bi-weekly corporate events such as Women in Tech Panels, Coffee Chats, Corporate Social Outings, and Professional Development Workshops
- Answer emails and host calls with recruiters in a timely manner to promote interaction

Sahithya Competitive Dance Team, Texas A&M University

August 2022 - Present

Manager

- Booked flights and hotel reservations for the dance team, worked football games to raise funds for the season
- In charge of sound and light checks at each competition, recorded all promotional videos