Daksh Mehta

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OBJECTIVE
Utilizing quantitative and technical skills in addition to integrity and teamwork; seeking an internship position to explore and learn while adding value

EDUCATION
Michigan State University, College of Engineering, Honors College – E. Lansing, MI   GPA: 3.96
Bachelor of Science, Computer Science   May 2026

RELEVANT COURSEWORK
Data Structures and Algorithms, Computer Architecture, Intro to Programming (C++ and Python), Discrete Math and Calculus

EXPERIENCE
MSU Library, Digital Scholarship Lab – E. Lansing, MI
Student Assistant   September 2023 - Present
- Designed and drafted detailed 3D models using Blender for a specialized 360 projection room to increase student engagement
- Guided students in various classes on proper use of VR technologies and 360 projection screen, while managing a room allotment system for seamless operations

S.P.A.R.T.I.E Lab – E. Lansing, MI
Student Intern   October 2023 - Present
- Optimized 3D models used to showcase the physical lab on the lab website which lead to a decrease in loading times by 20%
- Testing virtual reality environments which are to be used as virtual office spaces, making sure that all the features are working as intended

PROJECTS
Independent Project – E. Lansing, MI   September 2023
- Built a handwritten digit recognition machine learning model using Google's TensorFlow library for Python, achieving 97% accuracy

Intro to Programming Course II (C++) – E. Lansing, MI   August 2023 – December 2023
- Made a seat ranking algorithm for a concert that ranks seats based on the distance from the stage and the proximity to loud fans

Intro to Game Design Course (Unity and C#) – E. Lansing, MI   January 2023 – May 2023
- Created 2D and 3D games while implementing features such as collision physics and player-object interaction

LEADERSHIP & VOLUNTEER ACTIVITY
- Junior Varsity Team member and Mentor, MSU Table Tennis Club   August 2022 – Present

TECHNICAL SKILLS
Proficient: Python [Panda, NumPy], C++ [Linux - Ubuntu], Blender, Microsoft Office Suite, Google Suite
Intermediate: Unity, C#, HTML, Java, Git