

Devin DeMatto

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EDUCATION

Michigan State University, College of Engineering- E. Lansing, MI
Bachelor of Science, Computer Science
Member of AI Club | Dean's List Award (4 years)

GPA: 3.5
September 2020 - December 2024

EXPERIENCE

Michigan State University- E. Lansing, MI

Learning Assistant, Object Oriented Programming

January 2024 - Present

- Tutored 20-30 students weekly, boosting comprehension of Object-Oriented Programming (OOP) concepts through personalized instruction and feedback, reflected in positive student evaluations
- Adapted instructional strategies to diverse learning styles, ensuring students grasped complex programming concepts, evidenced by ability to solve problems and express gratitude post-explanation

PROJECTS

Portfolio Website

NextJS, React, CSS, HTML, Javascript

January 2023 - Present

- Developed a responsive portfolio website, showcasing projects, animations, and graphics to highlight technical skills and creativity
- Applied UI/UX best practices to improve user engagement, with analytics driving continuous site optimization

Map Generation System

Unreal Engine, C++

December 2023 - January 2024

- Conducted in-depth research into procedural generation methodologies, dedicating significant time to understanding foundational concepts and practical applications within game development contexts
- Elevated game realism with advanced algorithms, enabling dynamic environment customization and interactive exploration

Music Video Editor

React, NextJS, Python, NodeJS, UML, Whisper, SQLite

June 2023 - July 2023

- Innovating an automatic Word Level Transcription (WLT) music video editor to streamline global music track editing
- Integrating AI into video creation process to streamline video editing

Winter Code Jam (3rd Place)

Python, Kivy

January 2020 - December 2020

- Collaborated in a team to create a retro-themed file browser for the "Ancient Technology" theme, securing 3rd place in a highly competitive environment
- Focused on user-centric design and efficient system data integration, leveraging teamwork to meet a strict 5-day timeline

SKILLS

Team Collaboration
Adaptability

Critical Thinking
Effective Communication

TECHNICAL SKILLS

Languages: C++, C, C#, Python, Javascript, HTML, CSS
Frameworks: React, Node, Express, Django