Carter Lynn

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Education

Oakland Schools Technical Campus - Southwest, Wixom, MI
Engineering, Robotics, Mechatronics
September 2022 - June 2023
OSTC CLASS EXPERIENCE:
- OSTC Class Experience: Robotics, Mechatronics, Machining, CAD

Michigan State University
Bachelor of Games and Interactive Media
August 2023 - April 2027
- Relevant courses - Python, C++, Practical Computing, Games and Interactive Media Development, Calculus

Projects

Lead Programmer, *Mechanical Ascension* – MSU Game Jam

- Designed and implemented player mechanics for a 2D platformer in Unity C#, including wall-jumping functionality.
- Collaborated with a multidisciplinary team to develop a functional game prototype within a 48-hour deadline.

Mechanic Developer, *SpartaDrift* – MSU Hackathon

- Programmed player mechanics as well as the gameplay loop in hackathon game.
- Built a finished prototype as a joint effort with two team members within 12 hours.

Lead Enemy Programmer, *FPS Rugby* – Final Project

- Developed and implemented game flow and enemy functionality scripts using C# in Unity for a 3D shooter.
- Designed and optimized enemy behaviors to enhance gameplay experience and maintain performance.

Game Developer, *Trick-Taking Card Game* – Ongoing Project

- Programming card movement and functionality using C# in Unity as part of a collaborative team project.
- Contributing to the development of core gameplay mechanics for a digital card game.

Leadership

Member, Kappa Sigma Fraternity

- Actively participate in fraternity events, community service, and recruitment.
- Collaborate with other members to organize social and philanthropic events.

Employee Trainer, Zumiez and Domino's Pizza

- Trained and mentored new employees, guiding company procedures, customer service, and product knowledge.
- Led by example, promoting a positive work environment and teamwork.
- Helped improve employee performance and retention through effective training programs.

Technical Skills

- **Game Development:** Unity, C#, C++
- **Programming Languages:** C++, Python, Arduino
- **Creative Tools:** Adobe Premiere Pro, Adobe Photoshop
- **Hardware & Electronics:** Arduino (prototyping and programming)

Experience

Delivery Driver, Domino's Pizza – 9567 Main St, Whitmore Lake, MI 48189
April 2024- August 2024

- Delivered orders promptly while maintaining high levels of customer satisfaction.
- Managed cash transactions, ensuring accurate order processing and payment handling.
- Demonstrated strong time management and organizational skills while navigating delivery routes.

Sales Associate, Zumiez – Twelve Oaks Mall, 27500 Novi Rd, Novi, MI 48375
November 2021 -- April 2023

- Provided product recommendations and assisted customers in selecting apparel and accessories.
- Contributed to sales goals through excellent customer service and upselling techniques.
- Maintained store organization, restocked merchandise, and helped with inventory management.
- Collaborated with the team to ensure a positive shopping experience for customers.