

Zachary Fredeman

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Profile

Experience in game development and full stack website creation with strong leadership skills and the ability to take charge when necessary. Highly adaptable to many situations with strong problem solving skills. A passion for software development and game development. Strong interest in Artificial intelligence and Deep Neural Networks, as well as robotics programming. Determined to learn new skills and gain work experience in software development.

Skills

Java, JS, C++, Python, Unity, Unreal Engine 5, Agile dev., SQL, React, GitHub, IT, Robotics, Machine Learning

Education

Marist College, Poughkeepsie, NY

Bachelor of Science. in Computer Science, May 2022

Concentration: Game Design and Programming

Minors in Information Technology(IT), Information Systems (IS), Games & Emerging Media

Relevant Experience

Capping Project (Team Community)

- ❖ Worked as a fullstack developer in a group of 5 fellow students to create a Website forum within the constrained time frame.
- ❖ Planned and discussed meeting with Client to discuss specifications they required for the website, as well as providing insightful suggestions to further reach and understand what the client envisioned.
- ❖ Developed a workflow schema, as well as design documentation to track progress throughout the project.
- ❖ Utilized Html, Javascript, and React, for front end development, and used MySQL and Axios for database and backend connection.

GameJams

- ❖ Participated in several Game Jams to develop games within an intense time frame
- ❖ Efficiently worked in groups of 2 to 7 people with clear and effective communication
- ❖ Communicated and created development plan to outline and prioritize team goals
- ❖ Lead fellow team members and delegated tasks according to team members skills to streamline work efficiency.
- ❖ Quickly adapted and acquired new skills to aid in the completion of my given task.

BSA Scout Troop 3026- Eagle Scout

- ❖ Planned and coordinated a community service project over the course of 4 months, fundraised and documented procedures, and led 25+ volunteers in the beautification and restoration of the Washington Historical Museum.
 - ❖ Oversaw and organize troop activities to encourage safe, and engaging learning experiences.
 - ❖ Communicated troop initiatives and to the community, public speaking to large crowds, and the recruitment of new scouts.
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Awards and Activities

Eagle Scout and Scholar Athlete

Ultimate Frisbee team for 3 years

Work Experience

Dick's Sporting Goods

March 2021 - August 2021

- ❖ Worked In retail, stocked and organized stockroom, set display models, customer service.

Ameresco

May 2019 - Aug. 2019

- ❖ Helped develop and clear floor plans for buildings, and tracked minor expenses. Using Microsoft Excel, and Adobe Photoshop.
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