Brandon A. Woodward

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In pursuit of a summer 2025 internship that offers opportunities to tackle complex challenges in software development, real-time simulation, and algorithm development.

Education

York College of Pennsylvania, York, PA   GPA: 4.0

Bachelor of Science: Computer Science Major, Math Minor   Expected Graduation Date: 2026

Attended George Washington Carver Center for Arts and Technology High School for Information Technology/Interactive Media Production

Software Engineering Projects

Game Jams | Summer 2024
- Participated in **four** game jams in collaboration with two other computer science students utilizing the Godot game engine to **score better than at least 76% of all submissions in each competition.** Published games at https://edon-games.itch.io/

RevMetrix | Software Engineering | York College of Pennsylvania | Spring 2024
- Co-developed a web application with three other engineers, utilized java, html, CSS, and SQL to create a functional professional bowling website featuring scoring, a bowling ball arsenal, and detailed statistical analysis

Kratz! | Software Engineering | York College of Pennsylvania | Spring 2024
- Published 3D arcade game Kratz where players navigate a series of treacherous obstacles within the sewer as a rat! Available on https://ravenfight.itch.io/

Work Experience

Engineering Intern | Firaxis Games, Sparks, MD | Summer 2024
- Spearheaded the creation of a multiplayer party game within Unreal Engine 5 and C++ as the lead engineer by developing the networking and game framework enabling the team of five interns to begin work on the project
- Presented the project to Firaxis Games' team leads and executives receiving much merit
- Adapted to an existing codebase, developing new features for an ongoing project

Extracurricular Activities

Division III Wrestling | York College of Pennsylvania | 2018-Present
- Commit to multiple practices a day, raising morale, overall improvement, and serving the local community
- Balance demanding course load with practice and competition scheduling

Gordon Leadership Scholar | York College of Pennsylvania | Fall 2024-Present
- Participate in the prestigious Gordon Leadership Scholars Program, which focuses on leadership development and community service

Skills: C++, Java, Python, MySQL, HTML, JavaScript, CSS, React, Unreal Engine 5, Unity, C#, Godot, JetBrains, Visual Studio, Visual Code, Eclipse, Teamwork, and Leadership