Jake Baranowski
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Williston, VT

EDUCATION
Champlain College   Burlington, VT
BS of Science in Game Programming   Graduated, May 2025

SKILLS
Technical Skills:
- **Programming Languages:** C++, C#, JavaScript, HTML5, CSS, Blueprint, Python
- **Game Engines**: Unity, Unreal Engine 5
- **IDE**: Visual Studio, Rider
- **Version Control:** Github, TortioseSVN, TortoiseGit
- **Project Management:** Jira, Confluence, Fisheye + Crucible, Google Suite, Microsoft Suite

Interpersonal Skills:
- **Collaboration:** Strong verbal and written communication, cross-team coordination, and system refactoring.
- **Critical Problem Solving:** Developed innovative solutions to complex development challenges through critical problem-solving, creative thinking, and technical research.
- **Adaptability:** Learning new software and languages in order to gather a solid understanding of existing code bases and inheriting established practices.

RELEVANT EXPERIENCE
Dual Shadows, Champlain College   Burlington, VT
Lead Programmer   Aug 2024 - May 2025
- Oversee the development of all game systems and overall development as a lead.
- Designed and implemented stable, optimized systems using C++ and Blueprint, ensuring consistent performance and experiences.
- Collaborated with designers to prototype, refine, and deploy interactive systems including UI/UX, player mechanics, and environmental destruction.
- Diagnosed and fixed critical backend issues, improving AI behavior consistency and enhancing players' combat experiences.

Umbra Et Anima, Champlain College   Burlington, VT
Gameplay/UI Programmer   Jan 2024 - May 2024
- Developed and implemented several gameplay mechanics and UI/UX systems.
- Collaborated with artists and developers to refine the isometric tilemap workflow, creatively solving technical challenges to accelerate asset integration.
- Act as the Build Master of the project, managing all repository activity and resolving conflicts.

Soviet Shuffle, Champlain College   Burlington, VT
Gameplay Programmer   Apr 2023 - May 2023
- Integrated controller support for Xbox and PS4 dance pads alongside standard PC controls, and developed intuitive controls tailored to unique input devices.
- Implemented combat behaviors for all non-boss enemy AI, enhancing gameplay challenge.

YMCA, Camp Norwich   Huntington, MA
Team Building Specialist   June - Aug 2022, 2023
- Facilitate engaging team-building exercises for diverse groups of campers aged 5-16, fostering collaboration and communication.
- Instruct groups of 6-14 campers in the principles of teamwork through a range of activities designed to engage different skill sets and foster cooperation under varying degrees of difficulty.

CERTIFICATIONS AND COURSES
- GPR-430-01: Networking for Online Games - Spring 2025
- AWS Security Fundamentals, Second Edition - Amazon Web Service Training (2024)