

Nikolai Hixon

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OBJECTIVE

Seeking a software development co-op/internship utilizing skills in C#, C++, and Swift. Available Summer 2026.

COMPUTING EDUCATION

Rochester Institute of Technology, College of Computing and Information Sciences

Bachelor of Science, Game Design and Development

Rochester, NY

Anticipated April 2028

- Major GPA: 4.0
- Dean's List Spring and Fall 2024
- Awarded Presidential Scholarship
- Clubs: VEXU Robotics Team, Game Symphony Orchestra, Pep Band
- Relevant Coursework: Development for Real-Time Simulations and Games, Interactive Media Development, Problem Solving with Data Structures and Algorithms for Games

TECHNICAL SKILLS

Languages | C#, C++, Swift, Python, HTML, CSS, JavaScript

Tools | GitHub, Godot, Unity, Visual Studio Code, Visual Studio, Maya, Blender, Blockbench, Photoshop, GIMP

Operating Systems | Windows, Linux, macOS, iOS

PROJECT EXPERIENCE

Fall In Order | (*Personal Project*)

November 2025

- Developed a 3D strategy game about planning your moves while keeping time in mind
- Worked in a group of 5 to create in 48 hours for Roll Your Fate Jam
- Designed the core movement and combat mechanics
- Utilized Godot's 3d engine to optimize game frame rates and allow for extreme modularity

Zer02 | (*Personal Project*)

October 2025

- Developed a 3D environmental puzzler set on a failing spaceship running out of oxygen
- Worked in a group of 4 to design a player controller, puzzle interaction, and atmospheric effects
- Created a custom terminal system to allow for fast puzzle prototyping and development
- Achieved top 10 in the aesthetics and sound design categories for Scream Jam 2025

EXPERIENCE

Kube Sports Complex

Hammond, Indiana

Facility and Ice Maintenance

June 2025 - August 2025

- Ensured cleanliness of locker rooms, lobby, and other ice rink facilities
- Assisted with cleaning and maintaining both the level and quality of the ice
- Worked with coworkers to prepare and build new locker rooms

Northwest Indiana Soccer League

Crown Point, Indiana

Youth Soccer Referee

April 2017 - May 2024

- Officiated youth competitive games, upholding league rules and game laws
- Lead referee squads at all levels of play during normal and tournament games
- Taught new referees and guided them through their first games