

Github: [github.com/BlckHawker](https://github.com/BlckHawker)Portfolio: <https://blckhawker.github.io/Portfolio/>

## Objective

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Fourth year student seeking an internship for the Summer of 2024 leveraging software development and engineering skills.

## Skills

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**Languages:** C#, Java, Javascript, Regex, HTML, CSS, C++, HLSL

**Tools:** Visual Studio, Visual Studio Code, Unity, .NET Framework

## Education

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**Rochester Institute of Technology, Rochester NY**

Game Design and Development BS, Software Engineering Minor

**Expected Dec 2024**

## Work Experience

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**Arkhe**

**Software Developer**

**Jun 2022 - Aug 2022**

- Developed an XR teaching tool in Javascript, improving student outcomes by a factor of 4
- Collaborated with remote Agile team using git, Discord, and pair/mob programming
- Refactored code to improve developer usability and modularity
- Employed rapid iteration to develop a series of small projects using HTML/CSS, JavaScript and Node.js and Python
- Set up Jest unit testing and continuous integration scripts to reduce the amount of bugs encountered

## Projects

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**Keep Talking and Nobody Explodes Solver (C#) - Coop Game**

- Created responsive UIs that respond to user input in a fast pace gameplay environment
- Created multiple unit tests in order to decrease the amount of bugs that were encountered on release

**Ultimate Tic Tac Toe (Javascript, PixiJS)**

- Gain proficiency in utilizing a JavaScript graphics library
- Implemented multiples rules to reward strategic thinking
- Practiced front end interaction that enhances the user's experience

**Casper Cat Cafe (C#, Unity) - Group Project Simulation**

- Developed a JSON file system to store user data upon game shutdown
- Independently developed a mini game that incentivize users based on their rapid reflexes and cautiousness

## Organizations

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**Golisano College of Computing and Information Sciences, RIT, Rochester, NY**

**Teaching Assistant - Interactive Media Development**

**Aug 2023 - Present**

- Provides individual support during lectures and workshops for college students
- Consults with professor on each student's academic progress

**Society of Software Engineers, RIT, Rochester, NY**

**Nov 2022 - Present**

**Mentor**

- Leads exam review sessions for software engineering students
- Assists students personally with coding and algorithmic assignments