

Github: github.com/BlckHawker
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Portfolio: people.rit.edu/nab6476/portfolio/

Objective

Seeking a software engineering / game development internship opportunity for the Summer of 2024.

Education

Rochester Institute of Technology, Rochester NY

Bachelor of Science in Game Design and Development

Aug 2020 - Dec 2024

Work Experience

Arkhe

Jun 2022 - Aug 2022

Software Developer

- 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
- Cooperated with senior developers to learn Python, Node.js

Projects

Keep Talking and Nobody Explodes Solver (C#)

- 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 reduce confusion based on ties
- Practiced front end interaction that enhances the user's experience

Casper Cat Cafe (C#, Unity)

- 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

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

Teaching Assistant

Aug 2023 - Present

- Offered students personalized guidance to support their comprehension of the subject matter
- Evaluated exams and assignments, providing insightful feedback on student's academic progress

Society of Software Engineers, RIT, Rochester, NY

Nov 2022 - Present

Mentor

- Assisted students with coding and algorithmic assignments

Gene Polisseni Center, 200 Lomb Memorial Dr, Rochester, NY

Sep 2021 - Present

Hockey Game Usher

- Informed guests in detail of rules, regulations, and additional event information
- Exercised communication skills in order to provide advice and answers to guests