**Erik Hoglund\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  
 720-382-3062 e: [ehawg3@gmail.com](mailto:ehawg3@gmail.com) Web Portfolio: <https://ehawg3.wixsite.com/erikhoglund>

**EDUCATION**

Bachelor of Innovation, Game Design and Development, with minor in Computer Science - Graduated May 2019 - University of Colorado Colorado Springs

**EXPERIENCE**

**Experience With:** Designing classes, properties and methods, Inheritance, Debugging, Arrays and Linked lists, Stacks and Queues, Quicksort, Insertion sort, Selection sort, and Bubble sort, Generics, Reading and Writing files, Linq, Lambda, Delegate Expressions, networked game development, serious games, Advanced data Structures in C++, Game Testing, AI for games, Computer Graphics, Game Engines, Unity Engine, Visual Studio, Github, Trello, and Photoshop

**Languages:** C#, C++, C, Unix

**Game Design Junior Project – Bindrune**

Worked with the entire class of around 20 students to design and build a game in a semester. The game was a 2d RPG where the player navigated a maze defeating enemies, gaining new spells and ended in a boss fight. The class was split into Designers, Art, Sound, and programing, I was a part of the programming team and was responsible for attaching animations to characters and coded the AI for one of the enemies in the game. I was also apart of the team that tested and debugged the game.

**Innovation Class Project Sophomore Year – New Website**

One of five team members who worked with Teller County Regional Animal Shelter. Responsible for moving content from their old website to the new one, created links, loaded pictures, created new pages, and website formatting. Customer was very happy without come.

**Innovation Class Project Junior Year – New Website**

One of a team of four who worked with a home baker to create a website for customers to order online. Created a brand-new website with information about our client, what makes the recipes special, how to order, and a blog for our client to post new recipes.

**Innovation Class Project Senior Year – Web Application – Leader**

Leader for a team of four members working to create a web application for musicians around the world. This application gives advice for microphone placement for different instruments, including a description of the microphone placement, pictures and an audio recording of the instrument.

**WORK EXPERIENCE AWARDS AND ACHIEVEMENTS**

**Courtesy Clerk,** January 2015 to July 2015 Dean's List several semesters   
Sprouts Farmers Market, Castle Rock, CO National Society of Leadership and Success

**Prep Cook,** Fall 2017 to May 2019

University of Colorado Colorado Springs