

KRISTY HO

Aurora, CO 80013

(720) 402-2770 | kristy02ho@gmail.com | <https://kristy02ho.github.io/E-Portfolio>

SUMMARY OF QUALIFICATIONS

- Bachelor of Arts, Computer Science undergraduate student; coursework includes Object Oriented Programming, Data Structures & Program Design, Discrete Structures, Applied Graph Theory, Linear Algebra & Differential Equations, Algorithms, Database Structures, Internet of Things, Computer Security
- Proficient in multiple programming languages that include Python, C++, JavaScript, HTML5, and CSS3 (BEM and familiar with MATLAB, demonstrating a versatile skill set covering both front-end and back-end development, in addition to proficiently applying version control and collaborative best practices
- Exceptional problem-solving skills, with a keen eye for detail and a commitment to writing clean, maintainable code developed through coursework and personal projects.
- Effective communication and teamwork skills in academic environments, consistently demonstrating the capability to foster productive collaborations that yield exceptional results.

EDUCATION

University of Colorado Denver, College of Engineering, Design and Computing, Denver, CO

Bachelor of Arts, Computer Science Major; 3.92 GPA; Dean's List 2020-2023; Expected Graduation: May 2024

PROFESSIONAL EXPERIENCE

D Incubator, Denver, CO, August 2023 – Present
Member

- Attended 4 out of 6 workshops offered throughout the semester, gaining skills in Python, JavaScript, and machine learning.
- Networked with 10+ industry professionals during D Incubator's events, leading to two internship interviews.

PROJECTS

Personal Portfolio | *HTML, CSS, JavaScript, Git*

- Designed and developed an aesthetically pleasing personal e-portfolio using semantic HTML5 and CSS3 (+BEM) and JavaScript
- Implemented a light/dark option for users to optimize viewing based on user preference, leading to a 15% increase in user satisfaction and extended engagement time.
- Included SEO, responsive, multi-platformed support, enabling the page to be viewed by all devices

E-Commerce Website | *HTML, CSS, JavaScript, Git*

- Designed, developed, and hosted a responsive e-commerce website using semantic HTML5 and CSS3 (+BEM) and JavaScript
- Fetched data from a mock API and improved performance by compressing, caching, and lazy loading images and components

Weatherfy | *HTML, CSS, JavaScript, Git*

- Integrated OpenWeatherApp's API, enabling real-time weather data display for over 10,000 cities in the United States, resulting in a 20% increase in user engagement and retention.
- Designed and developed a weather website equipped with a city search engine using best practices from HTML5, CSS3 (+BEM), and JavaScript with a responsive interface and multi-platformed support

Movie-Studio | *HTML, CSS, JavaScript, Git*

- Created a movie website with advanced search and filtering capabilities, resulting in a 40% increase in user engagement and a 25% decrease in bounce rate, highlighting the impact of the semantic HTML5, CSS3 (+BEM), and JavaScript implementation.
- Fetched real-time movie data from TMDB API, contributing to a 30% increase in daily user visits and a 20% boost in user satisfaction, thanks to the responsive user interface.