

Pedro Bueno Castaneda

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EDUCATION

Bachelor of Science

University of Colorado Denver, *August 2019 – May 2023*

3.5 GPA

- **Major:** Computer Science and Engineering
- **Certification:** Cybersecurity and Secure Computing

RELEVANT COURSES

- **Data Oriented:** Data Science, Data Structures & Program Design, Database System Management,
- **Cybersecurity and Artificial Intelligence:** Computer Networks, Cybersecurity Principles, Cybersecurity Infrastructure and Defense, Intro to A.I., A.I. Concepts
- **Software and Hardware:** IoT: Internet of Things, Hardware-Software Interfaces

PROJECTS

Scavenger Hunt

Unity, C#, C++

- Scavenger Hunt is a 3D first-person game where the goal is to find a specific number of items hidden within the game's world. This project was developed in collaboration with two classmates and was created for a client. We worked closely with the client to bring their vision for the video game to life.
- Key responsibilities involved maintaining regular communication with the client, organizing and scheduling meetings, developing design documentation, preparing weekly progress reports, and collecting software requirements.
- This was a collaborative team project where leadership roles rotated periodically. Effective organization and clear task delegation were essential to ensure all team members stayed informed of their responsibilities, regardless of who was leading at the time.

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Capy-Cal

JavaScript, React, CSS, Bootstrap

- This personal project has been a labor of love for me. As an avid Capybara enthusiast and a self-improver, I saw this as an excellent opportunity to challenge myself and gain valuable knowledge. I set out to create an entirely new event calendar application with a Capybara theme.
- I have iterated on Capy-Cal several times, each iteration bringing new insights and improvements. While it is still in its early stages of development, the core functionality is working and will continue to evolve. Creating a calendar application from scratch has been both challenging and rewarding, honing my skills in various areas.

[\[View App\]](#)

SKILLS

Computer Hardware and Software Knowledge

- Comfortable using Windows operating systems and Mac operating systems. (Daily use of both)
- Manage home network. (Smart devices, wireless printers, mesh router network)
- Knowledgeable about computer hardware. (Built my own PC and have upgraded components)

Communication and Teamwork

- Acted as a liaison between employees and higher management, facilitating clear communication of needs and priorities in both directions.
- Fostered a safe and open environment for dialogue while promoting teamwork and collaboration.

Critical Thinking & Adaptability

- Leveraged available resources to devise innovative, out-of-the-box solutions under tight deadlines.

- Demonstrated flexibility by adapting to varying management styles and operational methods, tailoring skill sets to meet diverse needs and expectations.

Bilingual

- Native Spanish speaker, fluent in English
 - Reading, Writing, and Communicating