PEDRO BUENO CASTAÑEDA

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EDUCATION

Bachelor of Science
University of Colorado Denver, 2023

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

RELEVANT COURSES

- **Computer Science Fundamentals:** Algorithms, Assembly Language and Computer Organization, Discrete Structures, Logic Design, Object Oriented programming, Operating System Concepts, Principles of Programming Languages, Software Engineering, Fundamentals of Computing
- **Data Oriented:** Data Science, Data Structures & Program Design, Database System Management, Probability and Computing
- **Cybersecurity:** Computer Networks, Cybersecurity Principles, Cybersecurity Infrastructure and Defense
- **Artificial Intelligence:** Intro to A.I., A.I. Concepts
- **Software and Hardware:** IoT: Internet of Things, Hardware-Software Interfaces

SKILLS & ABILITIES

Critical Thinking – Problem Solving

- Able to utilize all resources available to come up with out-of-the-box solutions at a moment's notice.

Adaptability

- Worked under different management, tailoring skill sets to their needs and methods of operation.

Communication - Teamwork

- Was the middleman in communicating the needs of employees to higher management and the needs of higher management to employees. Creating a safe space for communication and encouraging teamwork.

Computer Hardware and Software Knowledge

- Comfortably use Windows 10,11 and MacOS daily.
- Use Microsoft Office Regularly.
- Comfortable working with PC components (built own PC).
- Worked with smart devices (Arduino) and circuit boards.

Analytical - Detail-Oriented

- Able to recall and notice small details (trends) that are otherwise often overlooked.

Self-Motivated - Time-Efficient

- Able to work alone or in a team. I ran a store by myself when short-staffed. Able to complete work in a timely manner and communicate progress and any difficulties encountered.

Leadership Skills – Hard Worker

- Worked in high management positions in 3 out of the 4 jobs. These positions were achieved in a short amount of time (3-4 months on average.)

Cybersecurity and Secure Computing

- Knowledge of network attacks
- Best safety practices: Firewall protection, Network privacy, maintaining devices up to date with the latest software, drivers, etc.

PROJECTS[1]

Personal Website Portfolio
HTML, CSS, Bootstrap, Responsive Website

- My Personal website showcases information about myself and projects. These projects display my educational background as well as my discipline to self-improve computational and software development skills.

Ani-lyst API Website
HTML, CSS, Client, and Server-Side Communication, Responsive

- Ani-lyst is a website that uses an Anime API. This website reinforced knowledge of server-side and client-side interactions. This includes learning to use request information and display it in a user-friendly manner. I personally use this website to find new Anime to watch.

Scavenger Hunt
Unity, C#, C++

- Scavenger Hunt is a 3D first-person game that was created for a client. This project provided insight into the Software Development Cycle.
- Responsibilities included consistent communication with the client, scheduling meetings, creating design documentation and weekly reports, and gathering software requirements.
- This was a team-based project where leadership responsibilities rotated every so often. Organization and task delegation were key to keeping the team informed of their responsibilities regardless of the current leader.

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[1] Direct link to project page can be found on top of resume.