

CARLOS BLANCO

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EDUCATION

Snow College

May 2025

- **B.S. in Software Engineering:** GPA 3.94 / 4.
- **Relevant Coursework:** Advanced FrontEnd; Advanced Algorithms; Cloud Computing; Backend Web Development; Machine Learning; Databases; Web Telemetry.

EMPLOYMENT

Full-Stack Developer Intern

Sanpete Pantry

May 2024 - August 2024

- Built and launched a web app using ASP.NET, JavaScript, and Tailwind CSS to increase visibility, fundraising, and volunteer recruitment for a nonprofit serving over 3,340 residents
- Developed and designed a user interface that increased donations by approximately 108% and improved user engagement by over 22%

Teaching Assistant

Snow College

January 2023 – Present

- Facilitated over 11 courses, including Advanced FrontEnd and Introduction to Web Development, enhancing student understanding and engagement in web technologies.
- Assessed projects and assignments for over 200 students with a focus on constructive feedback.
- Resolved over 100 student doubts on course material and code, strengthening skills in analyzing diverse coding approaches and effectively communicating complex ideas.

PROGRAMMING PROJECTS

Sanpete Pantry Page

- Produced a full-stack web platform for a community food pantry using ASP.NET.
- Developed and implemented an engaging user interface with Tailwind CSS and JavaScript, which resulted in a significant increase of 22% in session duration on the platform among returning users.
- Incorporated payment processing using Neon CRM, driving donations up by around 108%.

BenGamin Games Page

- Collaborated with a 4-person team to deliver a full-stack e-commerce web application for a local business.
- Integrated the Square API to streamline the management of website content, enabling real-time updates for 100+ products, events, and user accounts.
- Introduced Google OAuth for user authentication and streamlined payment processing through Square.
- Leveraged Vite and React to create visually appealing and intuitive user interfaces.
- Utilized Python and FastAPI to optimize API requests, reducing content update time by 20% and significantly enhancing operational efficiency.
- Led and collaborated with the team using Scrum, resulting in a 30% increase in task completion.

SKILLS

Programming: C#, C++, HTML, CSS, JavaScript, Python, TypeScript, SQL, R

Frameworks: .NET, ASP.NET, React, NextJS

Developer Tools: Kubernetes, Docker, Azure Cloud Services, AWS

Libraries: pandas, NumPy, Matplotlib, Seaborn

Languages: Spanish, English

ADDITIONAL EXPERIENCE AND AWARDS

CS club Vice President

- Led a team of 7 club organizers, providing strategic guidance to plan and execute club events.
- Spearheaded the organization of a successful Hackathon with 30+ attendees by developing a web app to host the event and managed logistics.

Cleaning Services Team Lead

- Led a team of over 15 members, ensuring correct execution of procedures and timely completion of tasks
- Trained over 10 coworkers, enhancing leadership and communication skills.