

BRANDY CERVANTES

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EDUCATION

Bachelor of Science, Computer Science
University of Utah

GPA 3.0
December 2026

Related Coursework

Algorithms, Web Development, Image Processing, Database Systems, Software Practice, Models of Computation

TECHNICAL SKILLS

Programming Languages:	Python	Java	C#	C++	C	MySQL
Frameworks and Libraries:	Pytorch	TensorFlow	Scikit-Learn	.NET		
Tools and IDEs:	Qt Creator	GitHub				
ISAs:	MIPS	x86-64				
Web Technologies:	HTML	CSS				

TECHNICAL PROJECTS

Learning Management System

MySQL

- Built a normalized MySQL database schema for an LMS to manage users, courses, and enrollments
- Wrote optimized SQL queries, procedures, and triggers for authentication, registration, and grading
- Conducted testing and debugging to resolve data consistency issues, ensuring a reliable backend foundation for future integration

Cookbook Website

HTML, CSS, Python

- Built responsive layouts using HTML and CSS, ensuring clean design and accessibility across devices
- Applied JavaScript within a Model-View-Controller architecture to handle user interactions such as adding, editing, and filtering recipes
- Delivered a user-friendly interface that allowed seamless browsing and improved readability of recipes

Snake Game

C#

- Designed and implemented a network controller using TCP listener to establish a server-client connection allowing users to play on the same map
- Implemented the Model-View-Controller architecture for the game to separate logic, interface, and data handling leading to cleaner, more maintainable code
- Worked closely with a partner to collaboratively build and update the game throughout the semester, resulting in a fully functional multiplayer snake game with the integration of the network

GitHub Portfolio (private; access available upon request): [\[github.com/jupitercruiser\]](https://github.com/jupitercruiser)

EXPERIENCE

Utah Transit Authority
Customer Focus

Orem, UT
January 2022 – Present

- Record customer feedback to improve transit system
- Provide clear directions to customers via phone, ensuring timely assistance
- Monitor changes within the system, providing accurate information to the customers