

Education:

Bachelor of Science in Computers

University Of Idaho, Moscow, ID

Expected: Dec2025

Projects:

Error 404

- **Developed "Error 404"**, an interactive escape room game with dynamic puzzles and scripted events.
- **Built the game in Unity using C#**, implementing real-time object interactions and puzzle-solving mechanics.
- **Utilized Python for procedural puzzle generation** and efficient data handling.
- **Leveraged JSON for game state management**, configurations, and player progress tracking.
- **Optimized and tested gameplay in Visual Studio**, ensuring smooth performance and immersive player experience.

Bootstrap Website

- **Developed responsive web interfaces** using HTML5, Bootstrap, JavaScript, and PHP, integrating Font Awesome icons for enhanced UI/UX.
- **Designed and implemented a barter exchange database** (MySQL) with secure PDO connections, authentication, and role-based access control.
- **Built user and admin dashboards** for managing transactions, user authentication, and trade equivalence calculations.
- **Integrated a secure contact form** and interactive photo gallery using Bootstrap modals for improved user engagement.
- **Implemented backend logic** for transaction approvals, user management, and error handling, ensuring seamless system functionality.

Weather App

- **Developed a weather application** using JavaScript, HTML, and CSS to fetch real-time weather data for any location worldwide.
- **Implemented a 5-day weather forecast feature** allowing users to view upcoming weather trends for their city.
- **Created an Explore section** displaying random city weather updates for broader insights.
- **Integrated a city management feature**, enabling users to add and track multiple cities.
- **Designed a responsive UI** for seamless user experience across devices.

Skills:

Unity, C#, Python, JSON, Visual Studio, Game Development, Procedural Puzzle Generation, Interactive Object Scripting, Performance Optimization, Gameplay Testing.

Certifications:

- Udemy Network Ethical Hacking for beginners (Kali - Hands-on)
- Cisco, Introduction to Cybersecurity
- Cisco, Python essentials 1