

JARED CAPPA

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Recent Software Development graduate with a solid foundation in software design, development, and testing. Motivated to leverage technical, analytical, and programming skills in a software developer/engineer role. Explore my GitHub repos (link above) for projects showcasing my expertise.

EDUCATION

GRAND CANYON UNIVERSITY

Bachelor of Science in Software development (BSSD)
(GPA: 3.6) | Honors | August 2020 – October 2024

Relevant coursework:

- Computer Programming 1, 2, and 3
- Introduction to Web Development
- Applications of College Algebra
- Programming in C# 1, 2, and 3
- Application Security Foundations
- Programming in Java 1, 2, and 3
- Algorithms and Data Structures
- Operating Systems Fundamentals
- Database Design & Development
- Cloud Computing

EXPERIENCE/PROJECTS

Cuber: A Web-Based Obstacle Adventure

Conceptualized, designed, and developed a web-based game using Unity WebGL and ASP.NET MVC, integrating secure user authentication, dynamic gameplay mechanics, and a SQL database for progress tracking.

- Optimized performance for cross-device compatibility, deployed the game on itch.io, and continuously updated the platform based on user feedback to enhance engagement and usability.

Inventory Management System

- Product and Company Management: Allows users to add, update, and delete products and companies with easy-to-use forms.
- Dynamic Inventory Tracking: Real-time inventory management based on product and company data, with the ability to check and adjust stock levels.
- Data Integration: Uses SQL Server as the database backend to store and retrieve inventory and product information through [ADO.NET](#), while ensuring secure data management by implementing proper authentication and database operations.
- User-Friendly UI: Developed an intuitive user interface using WinForms.
- Reporting: Implemented a reporting system to display product quantities, pricing, and other key metrics.

SKILLS

- Programming Languages: C#, Java, JavaScript
- Web Development: HTML, CSS, ASP.Net, Spring Boot
- Tools: Visual Studio/Visual Studio Code, Eclipse, Kali Linux/Unix
- Project Management: Leadership, Time Management
- Data Analysis: Algorithms, Data Structures
- Networking: Networking, Virtual Machinery
- Software: Microsoft 365, .NET

