

# JARED CAPPA

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Software Development graduate with strong fundamentals in software design, development, and testing. Eager to apply analytical, technical, and programming skills as a software engineer.

## EDUCATION

### GRAND CANYON UNIVERSITY

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

#### Relevant coursework:

- Computer Programming 1, 2, and 3
- Introduction to Web Development
- Applications of College Algebra
- Programming in C# 1 and 2
- Programming in Java 2 and 3
- Algorithms and Data Structures
- Operating Systems Fundamentals

## 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 to provide seamless interaction with the system.
- 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

