

Juan Manuel Benitez

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EDUCATION

Western Governors University (WGU)

Bachelor of Science in Software Engineering - C# Track

Graduation Date: 2025

TECHNICAL SKILLS

Languages: C#, JavaScript, Python, SQL, HTML/CSS

Frameworks & Technologies: .NET, WPF, Entity Framework, MAUI, Blazor, Windows Forms

Databases: MySQL, PostgreSQL, SQLite

Tools: Visual Studio, Git, GitHub

Methodologies: Agile, Scrum, SDLC, Test-Driven Development, CI/CD

CERTIFICATIONS

AWS Certified Cloud Practitioner

CompTIA Project+

ITIL® Foundation Certification

PROJECTS

Inventory Management Application | C#, .NET, Entity Framework, SQL

- Developed a comprehensive inventory tracking system with real-time stock monitoring capabilities
- Implemented CRUD operations for product management with data validation and error handling
- Created a responsive UI with filtering, sorting, and search functionalities using Windows Forms
- Utilized Entity Framework for database operations and implemented a repository pattern

Scheduling Application | C#, .NET, Entity Framework, SQL

- Built a multi-user scheduling system with role-based access control and authentication
- Designed and implemented a calendar interface with drag-and-drop appointment scheduling
- Created automated notifications for appointment reminders and changes
- Implemented time zone handling for international scheduling capabilities
- Utilized ASP.NET for the web interface and SQL for persistent data storage

Academic Tracking Application | C#, MAUI, SQLite

- Developed a cross-platform mobile application for tracking academic progress and course planning
- Implemented a dashboard with visual representations of grades, progress, and completion metrics
- Created a course planning feature with prerequisite validation and degree requirement tracking
- Built a local SQLite database with synchronization capabilities for offline use
- Utilized MAUI to create a consistent user experience across multiple device platforms

KEY COURSEWORK

Software Development: Software I & II - Advanced C#, Mobile Application Development Using C#, JavaScript Programming

Web Development: Web Development Foundations, Front-End Web Development

Software Engineering: Software Engineering, Software Design and Quality Assurance, Software Security and Testing

Data Management: Data Management Foundations & Applications, Advanced Data Management

User Experience: User Interface Design, User Experience Design