

David Hancock

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Professional Summary

Software Engineer transitioning from a mission-critical military leadership role in Special Forces to full-stack development through Microsoft Software and Systems Academy (MSSA). Experienced in dynamic environments requiring rapid decision-making, adaptability, and effective team coordination. Currently developing robust applications using object-oriented programming and Azure. Passionate about solving complex, real-world problems and creating innovative, and impactful solutions while building strong, collaborative relationships along the way.

Skills

- Programming Skills: C#/Object-Oriented Programming
- Development Tools: .NET Framework, ASP.NET Core, GitHub/Git, Visual Studio, Unity, .NET MAUI
- Collaboration & Leadership: Team-Based Development, Agile Methodologies, Project Management
- Security Clearance: Active TS/SCI Clearance

Work Experience

Microsoft Software and Systems Academy (MSSA)

Jan 2025—May 2025 (Projected)

Software Developer

MSSA combines technical training with professional development, equipping graduates for software engineering roles.

- Developing end-to-end client applications with .NET MAUI and cloud-based solutions using Azure.
- Gaining proficiency in C# programming, data structures and algorithms, and scalable full-stack development using APIs and databases.
- Collaborating with industry professionals to refine problem-solving and software design skills.

US Army, Joint Base Lewis-McChord

Jan 2024—Present

Senior Enlisted Special Forces Medical Advisor/Operations Medical Sergeant

Oversaw medical operations, support, training, and planning for 10 teams in 4 platforms and 200 personnel.

- Developed a semi-automated tracking system, enhancing medical readiness by 20% for 200 personnel.
- Designed and implemented a structured certification tracking system, increasing compliance rates by 60% for 25+ personnel.
- Trained staff and colleagues on four technical systems, standardizing processes for data usage and distribution, resulting in more streamlined workflows.
- Assisted in large-scale mission planning, utilizing digital tools to optimize medical evacuation strategies and resource allocation.

US Army, Joint Base Lewis-McChord

Dec 2020—Jan 2024

Senior Special Forces Medical Sergeant

Oversaw protocol development, interoperability between U.S. and allied forces, medical readiness, and training.

- Advised four countries on developing mission-critical contingency plans for emergency response operations.
- Developed and delivered technical training programs, boosting team's cross-functional skills validation rates by 80%.
- Impacted the local healthcare system in the Philippines that had lasting effects, reducing emergency response times by an average of 70 minutes in foreign territory.

Education

University of Cincinnati, Cincinnati, OH

2009

Bachelor of Science, Secondary Education—German Studies

Projects

Monkey Finder (C#, XAML, MAUI) – Built a mobile app to display and locate various monkey species using GPS, remote data sources, MVVM architecture, REST APIs

Tower Defense (C#, Unity) – Implemented turret logic and behavior scripts, integrated Unity's built-in AI enemy pathfinding, and developed core gameplay mechanics using object-oriented design.

Unity Essentials (C#, Unity) – Created a scene where a user can navigate a player through multiple scenes with audio, 2D art, destroyable objects, and basic physics.

Shopping List (C#, WinForms) – Designed an interactive item-tracking application, handling UI, logic, and data management.

C# Mini Calculator (C#, WinForms) – Developed a GUI-based calculator for performing basic math operations.

Student Portal (C#, WinForms) – Built a Teacher Management System for student data management.

Certifications

Foundational C# with Microsoft—35-hour structured course on C# fundamentals

AZ-900: Microsoft Azure Fundamentals—Projected: May 2025

AZ-204: Microsoft Azure Developer Associate—Projected: June 2025