

# David Hancock

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## Professional Summary

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Software Engineer transitioning from a mission-critical military leadership role in Special Forces to full-stack development through Microsoft Software and Systems Academy (MSSA). Gaining proficiency in C# application development, object-oriented programming, and cloud computing (Azure). Passionate about collaborating with teams to solve complex technical challenges and build scalable, high-impact software solutions.

## Skills

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

## Work Experience

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### 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, full-stack development, 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*

*Led operational support, training, and medical readiness for 150-200 personnel in high-pressure environments.*

- 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

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### University of Cincinnati, Cincinnati, OH

2009

*Bachelor of Science, Secondary Education—German Studies*

## Projects (<https://github.com/hancock-d>)

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**Unity Essentials** (C#, Unity) – Created a game 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.

**Coffee Shop and Order System** (C#, WinForms) – Created an interactive order management system with a scalable architecture.

## Certifications

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**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: May 2025