# David Hancock

David.T.Hancock@outlook.com | (513) 373-0661 | Tacoma, WA | linkedin.com/in/hancock-dave/

## 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, 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