# Jeremy Wipperfurth

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## Professional Summary

Dedicated Software Development student with a 3.89 GPA and a strong background in operations leadership. Transitioning from a successful career in aviation to software engineering, bringing extensive experience in team management, troubleshooting, and performing under pressure. Skilled in C#, .NET, and database management. Admitted to Arizona State University for a B.S. in Computer Science (Fall 2026).

## Education

**FOX VALLEY TECHNICAL COLLEGE | ASSOCIATE OF APPLIED SCIENCE – SOFTWARE DEVELOPER | EXP. GRADUATION: MAY 2026**
- Cumulative GPA: 3.89 | Dean's List | Phi Theta Kappa Honor Society

**ARIZONA STATE UNIVERSITY | BACHELOR OF SCIENCE – COMPUTER SCIENCE CANDIDATE | START DATE: FALL 2026**
- Accepted for transfer to complete bachelor's degree following AAS completion.

## Technical Skills

**Languages:** C#, C++, JavaScript, HTML5/CSS, SQL
**Frameworks & Tools:** ASP.NET Core, .NET MAUI, Entity Framework, Azure, SignalR, MVC, REST API
**Concepts:** Object-Oriented Programming (OOP), Mobile Application Development, Agile/Scrum, n-Tier Architecture, Systems Analysis

## Academic Projects

**Real-Time Game Application (Capstone)** | Advanced Software Development
- Developing a multi-client game application using **ASP.NET** and **SignalR** hosted on **Azure**.
- Implemented an n-Tier architecture to separate data access, business logic, and presentation layers.
- Managed real-time state synchronization between multiple clients.

**Data Management Systems** | Data Access & Administration
- Designed relational database schemas and implemented secure data access layers using C# and SQL.
- Optimized queries for data retrieval and reporting functionality.

## Professional Experience

**Delta Air Lines** | Madison, WI | Ramp Agent | Specialized Roles: Load Distribution & Operations Desk
Jan 2022 - Present
- **Operations Management:** Monitor critical timelines for fuel, cargo, and passenger boarding to ensure on-time departures, coordinating communication between flight crews, gate agents, and ground teams.
- **Analytical Planning (Load Distribution):** Calculate and plan cargo loading configurations to maintain aircraft weight and balance within strict safety envelopes, requiring high attention to detail and data accuracy.
  **Leadership (Agent in Charge):** Direct teams in the servicing of aircraft and lead logistics during high-pressure events, such as diversions or inclement weather.

**Envoy Air** | Madison, WI | Customer Service Agent / Ramp Crew Chief
Jun 2017 – Jan 2022
- **Training:** Served as a designated trainer for aircraft familiarization, instructing new hires on safety and equipment operation.
- **Versatility:** Performed dual roles in customer service and ramp operations, resolving passenger issues while maintaining ground efficiency.