

# Trevor DeMay

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## **SUMMARY**

Passionate Software Engineer with hands-on experience dealing with front-end and back-end development, containerized environments, and network visualization. Skilled in designing scalable systems using Docker, Kubernetes, Aspire, and Dev Containers, with a strong foundation in relational databases, front-end technology and game/VR deployment. I am committed to continuous learning and professional growth in the field of software engineering.

## **EDUCATION**

<b>B.S. Computer Science</b>	Expected December 2026
Arizona State University, Tempe, AZ	4.00 GPA
<b>A.S. Computer Science</b>	December 2022
Laurel Ridge Community College, Middletown, VA	3.76 GPA

## **TECHNICAL SKILLS**

**Programming Languages:** C/C#/C++, Java, Python, JavaScript, TypeScript

**Front-End:** HTML, CSS, Bootstrap, Fabric

**Tools and OS:** Docker, Kubernetes, Aspire, Git, WSL

**Operating Systems:** Windows, Linux/Unix

**Databases:** SQL

**Other:** Unity, Unreal Engine, WordPress

## **RELEVANT PROJECTS**

<b>Network Traffic Visualization, Work</b>	Fall 2025
• Designed and implemented a computer network visualization tool using PCAP files to analyze traffic.	
• Built scalable and containerized workflows with <b>Aspire, Kubernetes, and Docker</b> for deployment and testing.	
• <b>Implemented unit tests</b> to validate parsing and visualization logic, improving maintainability.	
<b>Virtual Realistic Augmented Training (VRAT), Work</b>	Fall 2024
• Designed and implemented a virtual reality environment for military training operations. (C++, Unity, and Unreal Engine)	
• Built a consumer portal website using C#, HTML, CSS, JavaScript, and Bootstrap.	

## **WORK EXPERIENCE**

<b>Bluemont Research &amp; Technology, Luray, VA: Software Developer</b>	08/2024 - Current
• Developed and maintained the company's website and database systems.	
• Created virtual reality training simulations using <b>Unity</b> and <b>Unreal Engine</b> , improving training efficiency and engagement.	
• Collaborated with a cross-functional team to deliver high-quality solutions	

## **CERTIFICATIONS**

- Microsoft Office Specialist: Access 2016 – Certified by Microsoft
- Introduction to Programming Using HTML and CSS – Certified by Microsoft

**EXTRACURRICULAR EXPERIENCE****Cybersecurity, Ashburn, VA**

10/2017 - 05/2018

- Participated in weekly meetings to explore Computer Science and Cybersecurity related topics.