

# Trevor DeMay

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571-424-0493 • [trevordemay2002@gmail.com](mailto:trevordemay2002@gmail.com) •

[www.trevordemay.pro](http://www.trevordemay.pro) • [www.linkedin.com/in/trevor-demay-191942299](http://www.linkedin.com/in/trevor-demay-191942299)

## **SUMMARY**

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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.

## **EDUCATION**

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<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**

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**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, SharePoint

## **RELEVANT PROJECTS**

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<b>Network Traffic Visualization, Work</b>	Fall 2025
<ul style="list-style-type: none"><li>Designed and implemented a computer network visualization tool using PCAP files to analyze traffic.</li><li>Built scalable and containerized workflows with <b>Aspire</b>, <b>Kubernetes</b>, and <b>Docker</b> for deployment.</li><li><b>Implemented unit tests</b> to validate parsing and visualization logic, improving maintainability.</li></ul>	
<b>Virtual Realistic Augmented Training (VRAT), Work</b>	Fall 2024
<ul style="list-style-type: none"><li>Designed and implemented a virtual reality environment for military training operations. (C++, Unity, and Unreal Engine)</li><li>Built a consumer portal website using C#, HTML, CSS, JavaScript, and Bootstrap.</li></ul>	

## **WORK EXPERIENCE**

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<b>Bluemont Research &amp; Technology, Luray, VA: Software Developer</b>	08/2024 - Current
<ul style="list-style-type: none"><li>Developed and maintained the company's website and database systems.</li><li>Created virtual reality training simulations using <b>Unity</b> and <b>Unreal Engine</b>, improving training efficiency.</li><li>Collaborated with a cross-functional team to deliver high-quality solutions</li></ul>	

## **CERTIFICATIONS**

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

## **EXTRACURRICULAR EXPERIENCE**

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<b>Cybersecurity, Ashburn, VA</b>	10/2017 - 05/2018
<ul style="list-style-type: none"><li>Participated in weekly meetings to explore Computer Science and Cybersecurity related topics.</li></ul>	