

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

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| B.S. Computer Science | Expected December 2026 |
| Arizona State University, Tempe, AZ | 4.00 GPA |
| A.S. Computer Science | 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

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|---|-----------|
| Network Traffic Visualization, <i>Work</i> | Fall 2025 |
| <ul style="list-style-type: none">Designed and implemented a computer network visualization tool using PCAP files to analyze traffic.Built scalable and containerized workflows with Aspire, Kubernetes, and Docker for deployment and testing.Implemented unit tests to validate parsing and visualization logic, improving maintainability. | |
| Virtual Realistic Augmented Training (VRAT), <i>Work</i> | Fall 2024 |
| <ul style="list-style-type: none">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

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|--|-------------------|
| Bluemont Research & Technology, Luray, VA: Software Developer | 08/2024 - Current |
| <ul style="list-style-type: none">Developed and maintained the company's website and database systems.Created virtual reality training simulations using Unity and Unreal Engine, 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.