

DAVID ADAMS

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EDUCATION

EAST TENNESSEE STATE UNIVERSITY August 2015 - May 2019

Bachelor of Science in Computing, *Computer Science Concentration*

Capstone: Modernizing the ETSU Assembly Program of Study Dr. Gene Bailey

- Explored transitioning department program of study from X86 to ARM64 Assembly

WORK EXPERIENCE

VRChat, Inc. May 2025 - Present

Senior Software Engineer Johnson City, TN (Remote)

- Lead architect for Content Discovery and Personalization Algorithms
- International coordination with C-Suite to deliver core engagement features

Amazon.com May 2021 - May 2025

Software Engineer II - Prime Video Johnson City, TN (Remote)

- Created security accountability framework adopted across Prime Video
- Spearheaded migration and modernization of PV infrastructure exceeding \$75MM/yr
- Oversaw mission-critical operations at scale, exceeding \$100MM/yr
- Launched real-time playback analytics for Amazon's Live Event operations
- Presented "OpenSearch Security in AWS" at DevSecCon 2023

Software Engineer II - Transportation Risk Compliance Johnson City, TN (Remote)

- Designed and launched global compliance platform under tight deadlines with multi-stakeholder collaboration

Siemens - Digital Industries March 2019 - May 2021

Research and Development Engineer Johnson City, TN (Hybrid)

- Developed innovative tools and platforms improving reliability for industrial clients

CORE COMPETENCIES

Leadership	Proven leadership of multimillion-dollar projects and operations
Accountability	Experience in legal compliance and transparent processes
Communication	Ability to distill complex ideas to stakeholders of all backgrounds
Problem Solving	Deep, cross-cutting ability to solve industry-scale problems
Public Speaking	Experienced speaker in public forums, conferences, and media
Adaptability	Consistently proven to onboard fast and maintain velocity
Mentorship	Recognized mentor supporting emerging professionals

COMMUNITY ACTION

Town Halls	Moderated 2025 Community Town Hall on local issues
City Policy	Drafted resolution encouraging actionable Bitcoin protections
Community Safety	Supported organization of Downtown Safety Roundtable
Community Service	Ongoing civic engagement lessons with 300+ active followers
Transparency Advocacy	Continued public work on trust and accountability
Church Leadership	Directed technical operations and budget for 3 years