

Evan Rice

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EDUCATION

Virginia Tech, Blacksburg, VA B.S. Business Information Technology: Cybersecurity, Management and Analytics GPA: 3.70	Expected May 2027
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WORK EXPERIENCE

Virginia Tech Division of Public Safety Virginia Tech Police Department, Blacksburg, VA <i>IT Project Assistant</i> - Designed and built a centralized SharePoint environment for six Public Safety departments, including department pages, onboarding resources, HR content, permissions, and navigation. - Developed a vehicle reservation and checkout system and built Microsoft Forms and automated workflows to improve service requests, scheduling, tracking, and record keeping. - Worked directly with university staff and IT teams to troubleshoot Microsoft 365 issues, test systems, improve internal dashboards, and update tools based on employee feedback.	June 2026 - Present
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Syncom Electronics Corporation 309 Bellcamp Ave, Roanoke, VA <i>Head of Calibration and Quality Inspector</i> - Built, tested, and inspected high-tech custom-built cables used in military applications; worked with Controlled Unclassified Information (CUI) drawings. - Created calibration parameters for 300+ high-specification machines aligned with NIST standards; developed the company's calibration validation program. - Supported Cybersecurity Maturity Model Certification (CMMC) preparation by ensuring software met FIPS 140-2 encryption requirements and creating solutions for non-compliant software.	May 2021 - Dec 2024
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TECHNICAL SKILLS

Systems & Infrastructure:

- Linux
- Windows Server
- Virtual Machines

Cloud & Platforms:

- Oracle
- Microsoft Azure
- Google Cloud
- Coolify (FOSS)

Security & Identity:

- Cloudflare Zero Trust
- Azure Entra ID
- Google Auth ID

Technical Tools:

- API Configuration
- Charles Packet Viewer
- General IT Operations

PERSONAL PROJECTS

Infrastructure, Security & Networking Labs

- Built a Linux-based NAS home lab using ZFS RAID for high-integrity storage.
- Developed a JavaScript authentication system behind NGINX with Cloudflare Zero Trust access controls.
- Deployed and managed a self-hosted VPN on a cloud Linux instance for secure remote connectivity.

DirectWebGPU

- Developing a browser runtime that translates unmodified 32-bit Windows DirectX 8/9 executables to WebAssembly and maps Win32 and Direct3D calls to hardware WebGPU.

Pire

- Built ai reverse-engineering harness that identifies PE, ELF, Mach-O, APK, .NET, firmware, and archive targets and coordinates 30 analysis tools including Radare2, Ghidra, Frida, GDB, YARA and Volatility.

Guanaco

- Built a self-hosted FastAPI LLM/API proxy with OpenAI- and Anthropic-compatible endpoints, multi-provider routing and failover, token analytics, API key management, a real-time dashboard, and emulation of eight search and scrape APIs.