Russell Payne

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EXPERIENCE

Video Engineer – Express AV, Bristol, TN

May 2023 – Current

- Video planning and execution at events.
- LED Wall, Resolume and WATCHOUT, graphics.
- Camera operation and directing

Freelancing & Volunteering

2016 – Current

- Lighting, sound, and video at school for school productions.
- Sound system design for a school using Biamp Tesira DSPs and networked audio.
- Expanding and upgrading existing AV systems.
- vMix and ATEM streaming with graphics, replay, and automation.
- Designing and implementing AV solutions at various locations.

Pal's Sudden Service, Jefferson City, TN

July 2021 – July 2022

- Providing fast and friendly food service
- Using the point-of-sale system for accurate service
- Communicating with team members and managers

EDUCATION

East Tennessee State University, Johnson City, TN

Bachelor of Science – Computer Science

August 2022 – May 2026

PROJECTS – View all projects on my portfolio

Esports Streaming – East Tennessee State University

I have designed and implemented a live streaming workflow for ETSU's Esports team using vMix, Yamaha mixers, NDI, Dante networked audio, Crestron NVX HDMI over IP, and control with Companion.

Personal "Home Lab"

I have set up and maintained a personal home lab with various networking and servers. I use this home lab to learn about enterprise networking and configuring a virtualized environment with VMware's ESXi along with vCenter. In the home lab I use a variety of Fortinet, Dell, Ubiquiti switches and wireless APs.

SKILLS & CERTIFICATIONS

Computer networking, including configuring and troubleshooting networks.

Audio Video systems, including networked solutions using Dante, NDI, and Crestron DM NVX.

Graphics including vMix GT Title, CasparCG, and custom web solutions.

OSHA 10 Certified

Dante Level 1, 2, and 3 (2nd Edition)

DMX Lighting installation and design with ETC EOS and GrandMA2/3 and onPC.

AWARDS

Applied Arts Practicum (AV) Student

TN Technology Student Association States 2022 Cybersecurity 1st Place and Coding 2nd Place

LANGUAGES

C#, Python, JavaScript, SQL, Java