

Wanlace Connor Yates

wcyates.xyz | self@wcyates.xyz | linkedin.com/in/wcyates | github.com/tulser | credly.com/users/wcyates

EDUCATION

West Virginia University

Bachelor of Science in Computer Science; Magna Cum Laude

Morgantown, WV

Aug. 2020 – May 2024

PROJECTS

Capstone - RANIA Fall Detection System | *Python, ZeroMQ, Numpy, Scikit*

August 2023 – May 2024

- Developed a fall detection system prototype in Python to interface with a central hub
- Implemented multi-threaded system using loops to pull scans from a LiDAR sensor and classify scans
- Created detection pipelines using DBSCAN clustering and k Nearest Neighbors
- Used plotting/matplotlib to emit LiDAR scan plots and other processed information

TECHNICAL SKILLS

Languages: Python, C, C++, Zig, POSIX Shell, Java, Javascript, Typescript, CSS

Tools and Software: Git, GDB, Node.js, FFMPEG, GNU Make, Podman, Meson/Ninja, CMake

Libraries and Frameworks: NumPy, Matplotlib, Scikit-learn, Next.js, spandrel, glib, GTK

Systems: Linux (Debian-like, Arch-like), Windows

EMPLOYMENT

CompTIA Security+

Valid July 2025 – July 2028

CompTIA Network+

Valid May 2019 – May 2022

Microsoft Office Specialist: Master 2013

Valid June 2017

EMPLOYMENT

Contract Video Producer

10–12 March 2026

Ascent Conference 2026 @ Columbia Baptist Church

- Controlled video production for the Ascent Conference held at Columbia Baptist Church
- Directed camera operators and static shot placement during conference presentations – including during speech and music segments
- Switched and managed camera feeds for broadcast and front-of-house streams

Event Staff

August 2025 – Present

Arlington Public Schools - Wakefield High School

- Handled the sale of tickets and controlled the admission of spectators and event participants into the stadium
- Handled the setup and cleanup of athletic events
- Did introductory and commentary announcements for Girl's Varsity matches

Lead Counselor

August 2023 – May 2024

Columbia Baptist Church

- Led groups of children in activities, including interacting with them in worship, play, and games
- Looked after the safety and well-being of groups of children and attended to injuries or conflicts
- Adhered to prescribed schedules for activities on a weekly basis

VOLUNTEERING

Audio/Video Volunteer

October 2025 – Present

Columbia Baptist Church

- Assisted with video production for services and special events held at Columbia Baptist Church
- Directed camera operators and managed camera feeds for broadcast and front-of-house streams as video producer
- Controlled shots with manual and robotic (PTZ) cameras at the direction of video producer as camera operator
- Met with team members to help improve processes and document video equipment