

Caden Trahan

(704) 792-5251 | ctrahan@charlotte.edu | Mooresville, NC

Education

University of North Carolina at Charlotte | Matthews, NC

Bachelor of Science in Civil Engineering Technology | 05/2028

Member in Gold Rush Robotics, Programs In Leadership and Organizational Training, Advanced Tehcnologies Club, Engineering Frehsman Learning Comunity.

Skills

AutoCAD, Autodesk Inventor, Autodesk Fusion360, Autodesk Civil 3D, Autodesk CFD, Bluebeam, Visual Studio Code, C/C++, HTML 5, Mainstage, Microsoft excel, Google Suite

Certificates

Autodesk Certified User: Inventor - Metric, Autodesk Certified User: AutoCAD, OSHA 10-hour General Industry (Manufacturing), OSHA 10-hour Construction Safety and Health, NAFTrack Certification

Experience

Colliers Engineering & Design | Charlotte, NC

Survey & Geospatial Intern | 06/2023 - 08/2023

- Utilized Autodesk Civil 3D to transform field collected electronic files into CAD drawings
- Conducted detailed analyses on 20 different construction site plans using Excel and Bluebeam
- Collaborated with supervisors to analyze problems and develop proposals for potential contractors
- Demonstrated proficiency in Autodesk Civil 3D for drafting and design tasks

Private | Mooresville, NC

Mathematics Tutor | 08/2023 - Present

- Provided over 50 personalized math lessons, covering key topics such as algebra, geometry, fractions, and arithmetic.
- Assisted students with homework, test preparation, and study skills, leading to improved grades and confidence.
- Reviewed classwork with parents to monitor progress, and review learning strategies for individual student needs.

Mooresville Graded School District | Mooresville, NC

Performing Arts Director | 05/2023 - 09/2024

- Produced video scenic production, wrote over 100+ lighting cues, adjusted focus, and aperture for high profile events.
- Collaborated closely with producers and performers to meet their expectations
- Demonstrated ability to adapt to new technologies and tools in a fast-paced environment
- Operated and managed sound equipment, ensuring high-quality production sound
- Showed strong problem-solving skills in resolving technical issues during live events

Paradigm Percussion | Iron Station, NC

Lead Synthisizer | 09/2022 - Present

- Lead a 30-person crew and oversee \$50,000 in audio-electronic equipment. My responsibilities include diagnosing and addressing real-time technical issues from faulty power systems to software crashes.
- Streamlined equipment setup, reducing downtime and for smooth transitions between performances or rehearsals.

Highschool Achievements

- Chess Club President - Led weekly chess meetings, managed logistics, and organized tournaments to grow membership. Promoted strategic thinking and problem-solving skills and leadership in a competitive environment
- Front Ensemble Section Leader - Coordinated a team of 14 individuals, and was responsible for \$25,000 audio equipment, ensuring proper maintenance. Led section rehearsals, ensured good team management for performances
- Various - 3.9 GPA, NAFTrack Certified, NHS member, Aviation Club member, and Governors school nominee