

EDUCATION

University of Massachusetts Amherst

May 2023

Bachelor of Science, Civil and Environmental Engineering

GPA 3.6

Honors/Awards: Deans List

Relevant Coursework: Traffic Engineering, Engineering Systems and Economics

University of Massachusetts Amherst

May 2024

Master of Science, Transportation Engineering

Honors/Awards: Teaching Fellowship

Relevant Coursework: Transportation Systems Analysis, Public Transportation

EXPERIENCE

Research Assistant, University of Massachusetts Amherst

June 2023 – Present

- Currently researching crash causation between commercial and passenger vehicles
- Collaborated with other graduate students to assist in their research when necessary
- Performed outreach programs for high schoolers including a transit planning activity, and air traffic control simulator demonstrations

Bus Operator, UMass Transit

January 2020 – May 2023

- Achieved over 800 hours of safe driving
- Drove all bus routes operated by the University

Radio Operator, UMass Transit

January 2022 – May 2023

- Assigned vehicles to daily routes and coordinated vehicle swaps if necessary
- Responded to phone and radio calls regarding scheduling, detours, and emergencies
- Qualified to park vehicles inside the garage

Service Foreman, UMass Transit

January 2023 – May 2023

- Supervised a team of 2-3 people to maintain the grounds of UMass Transit and perform small mechanical fixes on vehicles
- Actively identify and cultivated new projects around the garage

Transportation Design Intern, McMahon (Bowman)

Summer 2022

- Assisted with design plans of roadways and other transportation-related projects in AutoCAD
- Reformatted Excel cost estimate worksheet to include new industry-standard values for materials

CO-CURRICULAR ACTIVITIES

Executive Board, UMass Songwriting and Production Club

July 2023 – Present

- Conducted workshops on melody writing and chord progressions for students
- Facilitated a positive and creative environment for club members

Drum Major, UMass Marching Band

May 2020 – May 2023

- Collaborated with a group of 5 to perform administrative tasks for the Marching Band
- Led band during rehearsals, gamedays, and parades

SKILLS

Computer: Microsoft Excel, Microsoft Word, PowerPoint, AutoCAD

Other: Professional Driving (Class B CDL), Skateboarding, Skiing, Guitar