

# Sample Student - ENGT

(978) 555-3321 | samplestudent@fitchburgstate.edu  
Fitchburg, MA

## EDUCATION

**Fitchburg State University** | Fitchburg, MA

May 2025

Bachelor of Science in Engineering Technology, Concentration in Manufacturing Engineering Technology

GPA: 3.4

**Relevant coursework:** Engineering Graphics, Engineering Design and Fabrication Systems I and II, Fluid Mechanics and Thermodynamics, Statics and Dynamics, Strength of Materials, Materials Testing, Engineering and Project Management

## SKILLS

- Proficient in CAD/CAM software such as AutoCAD, SolidWorks, and CATIA for design and modeling.
- Knowledgeable about manufacturing processes, including machining, casting, forming, and additive manufacturing.
- Familiar with industrial automation technologies, including PLC programming and robotic systems.
- Strong analytical and problem-solving skills, with the ability to optimize manufacturing processes and improve efficiency.

## INTERNSHIP EXPERIENCE

**AIS, Inc.**, Fitchburg, MA

January 2023 – Present

*Manufacturing Technician Internship*

- Assisted in the design and development of manufacturing processes and equipment layouts, utilizing CAD software to create detailed models and drawings
- Participated in the implementation of lean manufacturing initiatives, including 5S workplace organization and value stream mapping, to reduce waste and improve workflow efficiency
- Assisted in the troubleshooting of manufacturing equipment and systems, collaborating with maintenance technicians and engineers to minimize downtime and maintain productivity
- Supported quality assurance efforts, performing inspections and testing of manufactured components to ensure compliance with specifications and standards

## PROJECT EXPERIENCE

**Fitchburg State University**, Fitchburg, MA

Spring 2024

*Engineering Technology Capstone*

- Led a team in designing and implementing a manufacturing process improvement project, focusing on reducing cycle time and increasing production efficiency
- Utilized CAD software to develop detailed models and simulations of manufacturing systems, identifying areas for optimization and redesign
- Implemented lean manufacturing principles, such as kanban systems and cellular manufacturing layouts, to minimize waste and improve overall productivity
- Presented project findings at Undergraduate Research Conference in April 2024