

Mai Nguyen

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EDUCATION

Central Connecticut State University, New Britain, CT

B.S. in Mechanical Engineering Technology

Expected 5/2027

RELEVANT COURSES

Introduction to Engineering

Engineering Technical Writing
and Presentation

Introduction to Information Systems

Computational Methods for Engineering

Computer Aided Design and

Geometric Dimensioning & Tolerancing

Integrated Manufacturing

Tool Design

Strength of Materials

Architecture Mechanical CAD

TECHNICAL SKILLS

SolidWorks, Siemens NX, AutoCAD 2023, Teamcenter, Word, Excel, Outlook, PowerPoint, CSS

WORK EXPERIENCE

Cummins Valvetrain Technologies, Bloomfield, CT

Production Associate

6/2023 – 8/2023

6/2024 – 8/2024

- Operated manual and automated equipment to manufacture and assemble automotive products.
- Performed visual inspections for potential defects to ensure quality manufacturing standards.
- Coordinated with various engineers and operators in maintaining and troubleshooting various manufacturing equipment.

GKN Aerospace, Newington, CT

Manufacturing Engineer Intern

5/2025 – 8/2025

- Conducted time studies for several operations involving the production of two different projects and collaborated with the engineering team and shop-floor operators to improve processes.
- Drafted updated fixture project sketches in NX and Teamcenter.
- Assisted team in program transition by pulling data from past projects into Teamcenter.

ACADEMIC PROJECTS

Pocket Folding Knife – CAD Sketch

Computer Aided Design and Integrated Manufacturing

9/2024 – 12/2024

- Measured and modeled the individual parts of a chosen object in NX to ultimately reassemble back into the original product inside of the program.

Centering Rest – CAD Sketch

Mechanical CAD

11/2022 – 12/2022

- Implemented revisions to an outdated blueprint to fit modern standards.
- Familiarized with the fundamentals of AutoCAD 2023.