
MICHELLE N NGUYEN

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OBJECTIVE: Seeking a challenging position that will incorporate my skills and education in an engineering environment and add value to personal growth and experience in various qualities.

EDUCATION

WENTWORTH INSTITUTE OF TECHNOLOGY (WIT) — Boston, MA
Bachelor of Science Degree in Mechanical Engineering, Minor in Manufacturing,
Certified Manufacturing Technologist

Current GPA: 3.54/4.0

Dean's List: Fall 2016, Fall 2017, Spring 2018

RELEVANT COURSEWORK

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|-----------------------------------|-----------------------------|---------------------------------|
| • Multivariable Calculus | • Mechanics of Materials | • Manufacturing Engineering |
| • Circuit Theory and Applications | • Engineering Heat Transfer | • Engineering Thermodynamics II |
| • Differential Equations | • Introduction to MATLAB | • Engineering Dynamics |
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SKILLS/TECHNICAL COMPETENCIES

- Engineering: Instron Equipment, Engineering Graphics, Welding, Casting, Material Testing, FEA
 - Software: SolidWorks, MATLAB, Microsoft Office (Excel, PowerPoint, Word), Latex
 - Manufacturing: CNC Milling, Lathe, CAMWorks, G Code
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WORK EXPERIENCE

MOLESKINE – CAMBRIDGE, MA

Oct 2018 – Present

Sales Associate

- Organize / manage current stock and incoming inventory while maintaining merchandise displays according to strategic product placement
- Demonstrate product knowledge while promoting merchandise personalized to customer desires
- Provide a quality customer experience, being able to quickly resolve customer complaints

SYNVENTIVE MOLDING SOLUTIONS – PEABODY, MA

Jan 2019 – May 2019

R&D Design Engineer Co-op

- Designed and revised modeled parts for new product development / testing while adhering to customer needs and restraints
 - Created and updated detailed drawings associated with each design
 - Wrote service and maintenance guides for product assemblies
 - Collaborated with various departments (purchasing, stock, manufacturing) and international branches to complete quotations and assemblies
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ENGINEERING PROJECTS

MATLAB Graph | Multivariable Calculus | Fall 2017

- Developed a 3D replication of Mount Elbert using MATLAB to code a graph by extracting data for coordinates and converting the information

Pneumatic Motor | Manufacturing Processes | Spring 2018

- Machined and shaped steel and aluminum samples using lathes CNC milling machines to create a pneumatic motor, operating 3820 RPM
- Sand casted an aluminum base

20Z Cabinet | R&D Co-op | Spring 2019

- Modified the current cabinet to exceed 16Z as requested by a customer, containing both the controller and the drives
- Met with the customer and supplier to discuss and improve aspects of the design
- Generated detailed drawings for individual components and overall assembly, including bill of materials and product specifications

Assembly Grease Tool | R&D Co-op | Spring 2019

- Modeled and prototyped a tool on SolidWorks to grease four roller bearings at a time, simplifying the process of assembling linear converters
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LEADERSHIP/ACTIVITIES

American Society of Mechanical Engineers | WIT Chapter Member

Multicultural Student Association | Member

- Organized and prepared the “Eat Around the World” and “Culture Shock” event to spread awareness and connect different cultures

People to People International | Student Ambassador

- Traveled to Europe to enhance international understanding through various cultural and educational activities