

Noura Ezzo

Mechanical & Chemical Engineer, Team-worker, Delegator

Inclined multitasking problem-solver dedicated to achieving high-quality performance

WORK EXPERIENCE

Teaching Assistant

📅 September-December 2022 📍 University of Waterloo, ON

- Assisted the 4th year Nanobiosystems Lab course (NE-454C)
- Helped run the lab and graded the students' performance

WINONE Tutorial Scholar

📅 January-April 2021 📍 University of Windsor, ON

- Tutored 1st year university engineering students in multiple courses
- Mentored new engineering students

Senior Co-op Cold Spray Engineering Assistant

📅 September-December 2020 📍 SST Centerline, Windsor, ON

- Effectively planned cold spray tests to validate various metallic powders by testing bond and tensile strength
- Used AutoCAD Inventor to design a custom cleaning tool and create engineering drawings
- Edited safety and training videos for operating company machinery

Intermediate Co-op Cold Spray Engineering Assistant

📅 January-March 2020 📍 SST Centerline, Windsor, ON

- Validated various metallic powders for cold spray applications to update technical data sheets
- Analyzed data through Excel and summarized in PPT presentations
- Used AutoCAD Inventor to design test samples and measure the dimensions of machine components

Junior Co-op Manufacturing Engineer

📅 April -August 2019 📍 Martinrea Fabco, Ridgetown, ON

- Learned advanced problem-solving skills to solve internal issues
- Reported Overall Equipment Effectiveness (OEE) of welder robots and stamping presses at daily meetings
- Validated spot weld sizes on various parts using ultrasound technology

Cashier and Copy Center Associate

📅 August 2017-March 2019 📍 Staples, Windsor, ON

- Completed associate duties and responsibilities while managing customer interactions
- Executed orders quickly while maintaining quality and managing time

Private Tutor

📅 April-July 2017 📍 Windsor, ON

- Tutored high school students in mathematics and sciences

CONTACT

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🌐 www.linkedin.com/in/noura-ezzo/

SKILLS

Lab Skills:

mammalian cell culture, hydrogel fabrication, microfluidic chip fabrication, tensile + compression testing, 3D printing

Software:

Microsoft, AutoCAD, CATIA, MATLAB, COMSOL, DaVinci Resolve

Languages:

English (native), French (moderate), Arabic (moderate speaking), Spanish (beginner)

Hobbies:

Baking, cooking, bicycling, hiking

EDUCATION

Master of Applied Science

Chemical Engineering

Thesis: Using droplet microfluidics to identify hydrogel systems that support spheroid growth

📅 January 2022-2024

📍 University of Waterloo

Bachelor of Applied Science (w/ distinction)

Honours Mechanical Engineering w/ Materials Option, Co-operative Education

📅 September 2017-August 2021

📍 University of Windsor

AWARDS & SCHOLARSHIPS

- OGS/QEII-GSST & President's Graduate Scholarship, 2022-2024
- Merit Graduate Scholarship, 2023
- Dean's Entrance Award, 2022
- Dean's Honour Roll, 2017-2021
- Dean's Renewable Entrance Scholarship, 2017-2021