

Nicholas Simon

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Education

University of Michigan, College of Engineering

Bachelor of Science in Industrial and Operations Engineering

Ann Arbor, MI
2025

- GPA: 3.95/4.0
- Course Highlights: Optimization Modeling, Markov Processes, Operations and Inventory Management
- Awards/Honors: Regents Merit Scholarship (2021), Dean's List (2021, 2022, 2023)

Work Experience

Department of Physics, University of Michigan

Learning Assistant

Ann Arbor, MI
Sept. 2022-present

- Attend lectures for a 400 person class and answer student questions by breaking down complex concepts to improve their understanding of the material
- Lead office hours three times a week to assist students with weekly problem sets by teaching problem solving strategies and reinforcing concepts from lecture

Taco Bell

Shift Leader

Troy, MI
May-Aug. 2021-2023

- Led crews of up to 8 people by verifying all crew members were put in a position to succeed and coaching as needed to ensure the shift ran smoothly
- Conducted weekly inventory counts of product on hand to track loss within the store
- Mitigated customer complaints in person and over the phone to ensure customer satisfaction
- Opened and closed the store according to company protocols to ensure the safety of the crew and success of the restaurant

Team Trainer

Aug. 2020-May 2021

- Trained newly hired employees in both service and food preparation positions by demonstrating crew member responsibilities according to company standards

Crew Member

Nov. 2019-Aug. 2020

Activities

Tau Beta Pi (Engineering Honor Society)

Michigan Gamma Chapter

Apr. 2023-present

Skills

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- Proficient in Excel, Access, and the rest of the Microsoft Suite
 - Experience in Python, particularly the Pyomo library, MATLAB, and SQL

Projects

Devised low-cost solution for repurposing plastic waste

Sept.-Dec. 2021

- Designed a reusable facemask for individuals with poor motor function which utilized recycled plastic
- Researched and selected materials and manufacturing processes which would ensure economic feasibility
- Created a Powerpoint presentation to showcase solution by detailing the production process and providing market research