

First and Last Name

(312) 996-7000 ▪ name@uic.edu ▪ [LinkedIn URL](#)

EDUCATION

University of Illinois Chicago (UIC)

Bachelor of Science in Industrial Engineering, Minor: Mechanical Engineering

Relevant Coursework: Manufacturing Process Principles, Dynamic Systems and Control, Engineering Materials

Expected: May 2024

Major GPA: 3.1/4.0

SKILLS

Computer: C/C++, C#, MATLAB, SolidWorks, AutoCAD, Pro/Engineer, Excel

Technical: Data analysis, tool design, process planning, process development, quality control, cost control

INTERNSHIP EXPERIENCE

BorgWarner, Frankfort, IL

August 2023–December 2023

Manufacturing Engineering Intern (Co-Op)

- Supported advanced manufacturing process development; conducted process development studies
- Analyzed data in Excel, and prepared poster and PowerPoint presentation materials
- Developed lean standards and processes; reported progress ideas to engineering team at bi-weekly staff meetings
- Utilized AutoCAD to assist with designing prototype builds for manufacturing robots
- Collaborated on developing a value stream mapping process

Additive Manufacturing Lab, UIC, Chicago, IL

June 2023–August 2023

Research Intern

- Selected as a summer research intern for the competitive UIC Freshman Engineering Internship Program (GPIP)
- Investigated how to eliminate stair-case effect in AM fabricated parts
- Explored a hybrid manufacturing process by researching different approaches and AM technologies
- Conducted literature reviews to determine possible approaches and assisted with creating experimental design

PROJECTS

Ionized Dust Control System

September 2023–Present

Senior Design Project, Mechanical & Industrial Engineering Department, UIC

- Collaborate on a team of four to develop solutions to manage dust build-up in plant settings
- Conduct research to identify typical factors for dust accumulation, where/why dust accumulates, etc.
- Research different products that could remove dust and improve overall air quality
- Presenting research findings, recommendations, and final product at UIC Senior Design Expo in April 2018

Pancake Flipper Design

September–November 2023

- Tasked with an in-class assignment to develop a device to flip a pancake
- Created a design for a prototype of a pancake flipper using SolidWorks
- Determined possible design flaws and created modified drawings to account for potential deficiencies
- Presented project design to class via PowerPoint presentation

PROFESSIONAL AFFILIATIONS

Society for Women in Engineering (SWE), UIC, Chicago, IL

September 2022–Present

Member

- Volunteer at SWE events to promote women in STEM; e.g. admissions events, high school science fairs, etc.
- Assist with coordinating annual Engineering Week activities such as movie nights, game nights, and guest speakers

VOLUNTEER

Bank of America Chicago Marathon, Chicago, IL

October 2022

Volunteer

- Helped with day-of event activities such as distributing water, guidance with course map, and cheering on runners
- Assisted with packet/bib pick-up day at Navy Pier; helped prepare volunteer credentials