

# First and Last Name

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## EDUCATION

### University of Illinois Chicago

Bachelor of Science in Chemical Engineering

Expected: May 2024

GPA: 3.39/4.00

**Relevant Coursework:** Transport Phenomena I-III, Computational Methods in Chemical Engineering, Fluid Mechanics

## SKILLS

**Languages:** C++, MATLAB, VBA scripts

**Software:** Aspen Plus, ACAD, Microsoft Office (Excel, Visio, Project)

## INTERNSHIP EXPERIENCE

### Process Engineering Intern, CSL Behring

November 2023- Present

Design Lead for CIP Upgrade:

- Designed a preliminary layout for a caustic system to support new Cleaning-In-Place (CIP) skids
- Developed caustic piping layouts and piping and instrumentation diagrams (P&IDs)
- Conducted meetings with Environmental Health and Safety to ensure compliance to all guidelines
- Developed engineering documentation including request for proposals (RFP) and change controls
- Managed and executed a \$15K CAPA project for the installation of a zero-static-3-way block valve
- Delivered an engaging presentation on hygienic piping design following 2019 ASME-BPE regulations

## PROJECTS

### Calorimeter Design Competition, University of Illinois at Chicago

October 2022- January 2023

- Led a team of 4 fellow engineering students, delegated tasks, and coordinated meetings
- Designed and constructed a calorimeter prototype in SolidWorks using laser-cutting and 3D printing
- Received "Best Technical Presenter Award"

## WORK EXPERIENCE

### Circulation Assistant, UIC Daley Library

May 2022-November 2023

- Provided customer service to 100+ patrons per week, assisting with retrieving and returning library materials
- Assisted with reshelving books and other library materials

### Mathematics and Science Tutor, Community College

January 2023-September 2023

- Tutored students in Organic Chemistry I-II, Calculus I-III, and Physics I-III
- Effectively explained complex topics to further the student's understanding of the material

### Chemistry Laboratory Assistant, Community College

August 2022-March 2023

- Accurately and safely performed dilutions and set up laboratories for physics and chemistry courses
- Maintained safety equipment by completing weekly routine testing
- Updated inventory of chemicals and safety data sheets

## STUDENT ORGANIZATIONS

### American Institute of Chemical Engineers (AIChE) Member

Jan 2024-Present

- Selected by the University to serve on a panel of Chemical Engineers to spread awareness of internships

### Vice President of STEM Club, Community College

August 2023-Present

- Organized and executed STEM outreach programs to inspire local middle school students