

Reagan Maddalone

reaganmaddalone@gmail.com, (224) 409-4241

EDUCATION

University of Illinois Urbana-Champaign

Expected Graduation: May 2025

College of Liberal Arts & Sciences

GPA: 3.69/4.00

- *B.S Chemical Engineering*

WORK EXPERIENCE

Chemistry Teaching Labs

Champaign, IL

Lab Assistant

August 2022 – Present

- Prepare chemical solutions used by students in the lab
- Clean lab equipment and handling chemical waste safely
- Follow strict guidelines to avoid hazards and manage risk

Lifetime Fitness

Schaumburg, IL

Aquatics Supervisor

May 2021 – Present

- Watch over the pools to ensure all club members' safety
- Teach young children the foundations of swimming
- Train and manage over 50 lifeguards

The Moorings of Arlington Heights

Arlington Heights, IL

Server

July 2020 – Present

- Assist residents on a day-to-day basis with their dietary needs
- Take orders and serving food to residents in a timely manner
- Clean and disinfect facilities and follow COVID guidelines to protect residents

LEADERSHIP AND INVOLVEMENT

Theta Tau – Professional Engineering Fraternity

Champaign, IL

Member

September 2022 – Present

- Attend weekly meetings focused on improving professionally and academically
- Participate in fundraising and philanthropy events
- Collaborate with other engineers on projects

PROJECTS

Chemical Engineering Team Design Project - Biofuels

November 2022 – December 2022

- Partnered with a team to research the production of biofuels made from soybeans
- Presented findings detailing reactions, mass balance calculations, and economic feasibility

Computer Science Course Application

April 2022 – May 2022

- Developed an Android application for exploring restaurants on or near campus
- Designed tests to experiment with and improve user experience

AWARDS & DISTINCTIONS

- New Hope Scholarship

December 2022

- College of Liberal Arts & Sciences Honors

May 2022

SKILLS

- **Programming Languages:** Java, C++, Python
- **Computer:** MRNova, MS Office, Android Studio
- **Lab:** Fractional distillation, recrystallization, column chromatography, IR, NMR