

# Jonathan Wuchter

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## LOCAL ADDRESS

1108 Packard St. Apt 1  
Ann Arbor, MI 48104

## PERMANENT ADDRESS

5870 Beach Rd.  
Wadsworth, OH 44281

## EDUCATION

### University of Michigan

*B.S.E in Chemical Engineering, Minor in Biochemistry*

*GPA: 4.0/4.0*

Relevant courses: Thermodynamics, Fluid Dynamics, Material and Energy Balances, Organic Chemistry I & Honors II and labs, Multivariable Calculus, Differential Equations, Microeconomics

Ann Arbor, MI

April 2026

## EXPERIENCE

### University of Michigan Dept of Biomedical Engineering

*Lab Assistant, PRIME (Prof. Aaron Morris) Lab*

- Utilize synthetic biology for the detection of multiple sclerosis
- Develop a polyethylene glycol (PEG) based biomaterial for encapsulation of Human Embryonic Kidney (HEK) 293 cells

Ann Arbor, MI

September 2023 – Present

### The Michigan Daily

*Assistant Sports Editor*

- Cover the Michigan men's basketball team as a beat writer
- Edit weekly, approximately 5-10 stories
- Serve as the Sports section recruitment chair, hosting mass meetings at the beginning of semesters

Ann Arbor, MI

October 2022 – Present

### Materials and Energy Balances team project

*The production of peanut butter*

- Researched and investigated the industrial process of peanut butter production
- Analyzed the role of chemical engineers to optimize the process
- Presented our findings to professors and graduate students in the department

Ann Arbor, MI

Fall 2023

### Introduction to Engineering team project

*Harness the Wind – Green Engineering*

- Designed and Produced a Savonius Wind Turbine capable of delivering 3W of power
- Presented a proof of concept to professors and classmates
- Utilized a stepper motor to generate electricity

Ann Arbor, MI

Winter 2023

### Dairy Queen

*Shift Leader*

- Managed shifts of six people on both opening and closing shifts
- Worked every position, training new employees on each

Medina, OH

December 2021 – August 2022, April 2023 – August 2023

## COMPUTER SKILLS

Platforms: Windows 10, Mac OS

Applications: Microsoft Office, Photoshop

Languages: Experienced in C++, Matlab

## AWARDS & CERTIFICATES

College of Engineering Dean's List Fall 2022, Winter 2023

University Honors Fall 2022, Winter 2023

Department of Chemistry First Year Alumni Achievement Award, April 2023

William J. Branstrom Freshman Prize, March 2023

Eagle Scout, December 2019

## ACTIVITIES

Undergraduate Research Opportunity (UROP), August 2023 – present

Tau Beta Pi, Michigan–Gamma, Active, December 2023 – present

Michigan Backpacking Club, Executive Board, September 2023 – present

Michigan Eco–Solutions Initiative, Executive Board, September 2023 – April 2023