# Yuhong Lu

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## Education

**University of Michigan, College of Engineering** **Ann Arbor, MI**
*Bachelor of Science in Chemical Engineering* June 2026

- GPA: 3.97/4.0
- Course Highlights: Organic Chemistry I & II; Introduction to Computers & Programming; Material & Energy Balances
- Awards/Honors: Jane and Howard M. TenBroeck Scholarship; John Ardell Pursley Endowed Scholarship in Chemical Engineering; University Honors; Dean's Honor List; William J. Branstorm Freshman Prize

## Work Experience

**Nona Biosciences** **Boston, MA**
*Business Development Intern* Apr. 2023 – Jun. 2023

- Represented Nona Biosciences at the 2023 BIO International Convention, delivering pitches on the globally patented Harbour Mice technology to 50+ prospective partner representatives, resulting in 4 collaborations on antibody drug discovery
- Conducted extensive lead generation for 1100+ biotech and biopharmaceutical companies with a focus on biologics, including mAbs, bsAbs, ADCs, and CAR-T, resulting in the acquisition of 4500+ high-quality contacts as a solid foundation to company's future business opportunities
- Enhanced the functionality of the Nona Biosciences' Salesforce page by strategically modifying 10+ fields and updating pertinent information from Confidential Disclosure Agreements (CDAs) and legal documents, optimizing data collection and accessibility for improved organizational efficiency

## Research Experience

**Shikanov Lab** **Ann Arbor, MI**
*Undergraduate Researcher* Jun. 2022 – Present

- Acquire images of follicles at different stages of development every 2 days to measure their growth and extracellular matrix development
- Analyze protein compositions of follicles at different ages through staining 10 micrometer follicle slices to understand the natural deposition of various protein in the extracellular matrix
- Collaborate as the second author for the abstract "Developing a Hyaluronic Acid-Based Hydrogel Platform to Probe Ovarian Follicle-Extracellular Matrix Interactions"

## Leadership Experience

**ChemE Cube Project Team** **Ann Arbor, MI**
*Pitch Lead* Nov. 2023 – Present

- Collaborate closely with the technical and ad leads in the process of designing, prototyping, and marketing a 1 cubic meter cube modeling industrial processes, creating innovative solutions to solve global problems
- Lead club members in formulating and presenting a 20-minute pitch of the designed cube to the panel of judges, communicating our design ideas, purposes, and goals

**MedLaunch Project Team** **Ann Arbor, MI**
*RoboReach Claw Design Lead* Sep. 2022 – Aug. 2023

- Led a 3-person team in developing a customized robotic claw for a 7-year-old girl with limited upper and lower extremity functions, enhancing her ability to independently perform daily activities
- Fostered community engagement by collaborating with local Ann Arbor residents to identify and address common challenges through creative and practical solutions

## Skills

- Lab Techniques: Mammalian Cell Culture, High Performance Liquid Chromatography, Drug Assay, Cryostat, Mechanical Testing, Gel Electrophoresis
- Computational Techniques: MATLAB, C++, Java, Microsoft Office (Word, PowerPoint, Excel)