

# Sherry Gong

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## EDUCATION

### University of Illinois at Urbana-Champaign

expected May 2027

Pursuing Bachelors in Computer Science with a Minor in Business, GPA 3.78/4.00

### Hinsdale Central High School

June 2023

GPA 4.8/5.0, SAT 1570/1600

## ACTIVITIES

### Student Ambassadors/Research Scholars (STARS)

Aug. 2024 - Present

- Participate in undergraduate research with Siebel School for Computing and Data Science professor
- Serve as leader in recruitment and empowerment of women in computer science

### Badminton for Fun, Board Member

July 2024 - Present

- Prepare and clean up practice areas, arriving early and staying late as needed
- Enforce club rules and regulations - handling membership records and logistics
- Plan and execute club events and assist with day-to-day club operations

## SKILLS

(**Proficient**) C++, Java, Python; (**Familiar**) JavaScript, CSS, HTML

## PROJECT

### Market Cappers - CS124 Honors project

Dec. 2023

- Market cap guessing game to guess actual cap value of random company
- JavaScript, CSS, Python (Selenium), HTML

## RELEVANT COURSEWORK

(**Completed**) Linear Algebra with Computational Applications, Discrete Structures, Introduction to Computer Science I, Introduction to Computer Science II; (**In Progress**) Data Structures, Probability and Statistics for Computer Science, Software Design Lab

## RESEARCH EXPERIENCE

### Intern Researcher, Nanoparticles

May 2021 - Dec. 2021

Dr. Ying Liu, Associate Professor of Chemical Engineering, University of Illinois at Chicago

- Assisted in experimental and procedural duties (nanoparticle technology, medical applications)
- Observed experiments in laboratory
- Proofread and edited manuscript

### Undergraduate Researcher, Interactive Computing

Sept. 2024 - Present

Dr. Koustuv Saha, Assistant Professor of Computer Science, University of Illinois at Urbana-Champaign

- Build and refine generative AI chatbot tailored to support people suffering from mental health issues
- Research efficacy of chatbot through human subjects

## PUBLICATIONS

Chemical Engineering Research and Design: "Micelle morphology phase diagram in a phospholipid, PEGylated lipid, and peptide amphiphiles ternary system", Volume 181: 354-362, May 2022.