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 RAG-based 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.