

Sherry Gong

sherrygong2@gmail.com | (312) 358-4754 | <https://sg0ng.github.io/> | <https://www.linkedin.com/in/sherrygong/> | <https://github.com/sg0ng>

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

RELEVANT COURSEWORK

Data Structures

Linear Algebra with Computational Applications

Discrete Structures

Probability and Statistics for Computer Science

Software Design Lab

Introduction to Computer Science II

SKILLS

Languages: C++, Python, Java

Frameworks and Tools: Git, Pytorch, Pandas, Selenium, SentenceTransformer

Artificial Intelligence: Fine-tuning, Retrieval-Augmented Generation

Web Development: JavaScript, CSS, HTML

RESEARCH EXPERIENCE

Undergraduate Researcher, Interactive Computing

Sept. 2024 - Present

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

- Build and refine AI chatbot tailored to support people suffering from mental health issues in online communities
- Implement and optimize RAG-based Mistral model, utilizing training dataset of 100k+ online posts
- Research efficacy of chatbot through surveying human subjects

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 related to the medical applications of nanoparticle technology
- Proofread and assisted in editing research paper for submission to journal

PROJECTS

Market Cappers - CS124 Honors project

Aug. 2023 - Dec. 2023

- Coded market cap guessing game and designed frontend with HTML, JavaScript, and CSS
- Implemented dynamic web scraping algorithm using Selenium python package to fetch real-time data

ACTIVITIES

Student Ambassadors/Research Scholars (STARS)

Aug. 2024 - Present

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

Badminton for Fun, Board Member

July 2024 - Present

- Prepare, clean up, and manage practice areas, committing 5 hours a week
- Enforce club rules and regulations - handling membership records, logistics, and planning and executing events

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.