

SHERRY GONG

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

EDUCATION

University of Illinois at Urbana Champaign

Bachelor of Computer Science, Minor in Business

Aug. 2023 – Dec. 2026 (expected)

Champaign, IL

Relevant Coursework: Data Structures, Discrete Structures, Algorithms & Models of Computation

EXPERIENCE

Software Engineering Intern

Fulcrum GT

May 2025 – Aug. 2025

Hoffman Estates, IL

- Developed and enhanced frontend features for Hatch, an AI-powered timesheet automation platform for legal professionals, using React (MUI) and Next.js with Flask backend
- Assisted with PostgreSQL backend development, including writing and optimizing queries, inserting data, and supporting schema design and ERD refinement
- Resolved critical UI and UX issues, improving navigation flow, interface consistency, accessibility, and overall user interaction
- Collaborated in Agile sprints, managing JIRA tasks, reviewing GitLab merge requests, and performing QA testing to support reliable, on-time feature releases

Artificial Intelligence Undergraduate Researcher

OnCare Lab, University of Illinois at Urbana-Champaign

Sep. 2024 – Present

Urbana, IL

- Developing a specialized AI chatbot tailored for mental health support using SentenceTransformer, PyTorch, and HuggingFace, with a focus on empathetic and contextually relevant responses
- Implementing and fine-tuning a RAG-based Mistral model trained on a dataset of 100k+ online mental health posts to enhance context-awareness and generation accuracy
- Built a Flask-based backend enabling human-subject interaction, survey administration, and real-time data collection for efficacy evaluation through user studies

Chemical Engineering Intern Researcher

Liu Lab, University of Illinois at Chicago

May 2021 – Dec. 2021

Chicago, IL

- Supported experiments on medical applications of nanoparticle technology and contributed to editing a related research paper published in Chemical Engineering Science (Vol. 181, May 2022)

PROJECTS

Sunrise Alarm | React, Next.js, TypeScript, CSS

Dec. 2024 – Jan. 2025

- Developed a dynamic sunrise alarm clock web app with a color-changing background
- Deployed frontend application on GitHub Pages for live demonstration

Drive Doctor | Python, Flask, Google OAuth, JavaScript, HTML, CSS

Aug 2024 – Dec. 2024

- Collaborated with team of three to develop a Google Chrome extension for efficient Google Drive file management
- Implemented secure user authentication by integrating Google OAuth 2.0 with Flask

Market Cappers | Python, JavaScript, HTML, CSS

Aug 2023 – Dec. 2023

- Collaborated with a team of four to develop a market cap guessing game using HTML, JavaScript, and CSS, implementing real-time data fetching through a Selenium-based web scraping algorithm

LEADERSHIP

Treasurer, Badminton For Fun

July 2024 – Present

- Manage a \$5,000/semester budget, maintain membership records and dues for 120+ members, and coordinate event planning and logistics
- Dedicate 6+ hours weekly to oversee practice areas, enforce club policies, and ensure smooth operational execution

SKILLS

Languages: Java, Python, C++, SQL (Postgres), JavaScript, TypeScript, HTML/CSS

Frameworks & Libraries: React, Next.js, Flask, Material-UI, SentenceTransformer, Pandas, NumPy

Artificial Intelligence: LLM Fine-tuning, Retrieval-Augmented Generation, HuggingFace Transformers

DevOps: Git, GitLab, GitHub, JIRA, Docker, Agile methodology, CI/CD