

KATHERINE A. SICK

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EDUCATION

University of Illinois at Urbana-Champaign

Master of Computer Science

Bachelor of Science in Computer Science and Linguistics

August 2021 – Present

GPA: N/A, August 2025 – Expected May 2027

GPA: 3.7/4.0, August 2021 – May 2025

Keio University in Tokyo, Japan

Study Abroad: Studies in Japanese Language and Culture

March 2024 – August 2024

GPA: 3.8/4.0

Related Coursework:

Discrete Mathematics Data Structures Computer Systems Linear Algebra Machine Learning Database Systems

TECHNICAL SKILLS

Programming Languages: Java, C, C++, Python, HTML/CSS, JavaScript, SQL

Adobe Skills: Photoshop, Animate, After-Effects, Premiere

Spoken Languages: English, Japanese

WORK EXPERIENCE

University of Illinois-- Data Structures

Teacher's Assistant

Champaign, IL

August 2023 – May 2025

- Conduct weekly course lab and discussion sessions
- Mentor students towards success through office hours and tutoring
- Assist professors in updating course assignments and regulations

Japan House at University of Illinois

Ambassador and Intern

Champaign, IL

August 2024 – May 2025

- Develop, implement, and administrate student programming, events, and curriculum
- Maintain and assist with the upkeep of Japan House gardens and facilities, and run tours of these facilities

PROJECT HIGHLIGHTS

Course Explorer Webpage (Tailwind, React, HTML/CSS, Python)

August 2024 – May 2025

- Designed a user-friendly interface using Tailwind and React to create a quality experience for users
- Integrated front and back-end services to create effective website modules

Home Risk Assessment Calculator (React, JavaScript, HTML/CSS)

March 2023

- Utilized databases to find natural disaster locations, and parsed data to display a location-based risk rating
- Implemented APIs to communicate and receive data for analysis and storage

EXTRACURRICULAR ACTIVITIES & LEADERSHIP

League of Linguists Student Organization

Secretary and Officer of Communications

Urbana-Champaign, IL

August 2023 – May 2025

- Program weekly organization emails through Visual Studio Code using HTML/CSS
- Organize and hold functions and fundraising events for the organization

Association for Computer Machinery

Organization Member

Urbana-Champaign, IL

Present

- Participate in organization events and career fairs as well as assist with club programming