

Kaitlyn Li

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EDUCATION

The University of Chicago

Bachelor of Science in Computer Science and Data Science

GPA: 3.836 | Honors: Dean's List 2021-22

Coursework: Introduction to Computer Science I&II, Introduction to Data Science I&II, Introduction to Computer Systems, Introduction to Data Engineering, Introduction to Database Systems

Chicago, IL

Expected, June 2025

Arcadia High School

GPA: 4.3/4.0 | Honors: Salutatorian, Gold Seal, Silver Seal

Arcadia, CA

June 2021

EXPERIENCE

University of Chicago Department of Computer Science

Teaching Assistant

Chicago, IL

September 2023 - Present

- Led discussion sessions and office hours for Introduction to Computer Science I
- Assisted professors in the creation of homework materials
- Guided students through discussion assignments and issues they had understanding the course materials

University of Chicago Data Science Institute

Research Assistant

Chicago, IL

June 2023 - August 2023

- Designed the Sociome Data Commons to accommodate diverse datasets on social, environmental, behavioral, and psychological factors and ensure scalability
- Implemented a user-friendly interface that incorporates specific features relevant to researchers' needs
- Leveraged feature reduction techniques to build predictive models for children with asthma on the South Side of Chicago to better understand possible interventions to minimize disease severity

University of Chicago Department of Computer Science

Student Office Support

Chicago, IL

February 2022 - May 2023

- Maintained a state of organization in the workplace to create a productive learning environment
- Provided assistance to faculty and administrators of the Department of Computer Science
- Served as a means of communication between related departments

Meet Fresh

Storefront Associate

Arcadia, CA

June 2022 - September 2023

- Memorized and prepared over 100 distinct menu items and their variations
- Operated POS system and provided customer service

LEADERSHIP & ACTIVITIES

Delta Gamma Fraternity - Eta Zeta Chapter

Member

Chicago, IL

April 2023 - Present

- Raise money and volunteer for Delta Gamma's philanthropy, Service For Sight
- Organize volunteer events for local Chicago organizations

Dear Asian Youth

Team Member

Chicago, IL

October 2021 - Present

- Create graphics via Adobe Photoshop and Adobe Illustrator promoting vaccine confidence among minority groups
- Promote local businesses for AAPI Restaurants Week hosted by OCA Greater Chicago

Organization of LGBTQ+ Students

Social Committee Member

Chicago, IL

January 2023 - Present

- Empower and lift the voices of LGBTQ+ students on campus
- Plan events and budgets for events such as study breaks, galas, and community-wide pride events

PROJECTS

Sociome Data Commons - Python, CSS, HTML

- Open-source project that facilitates uploading, storing, and accessing datasets on a wide variety of topics for researchers to use
- Encourages further study of wider ranges of social determinants of health rather than just one determinant or a set of related determinants in order to avoid potential loss of nuances and interactions between factors

Bounded Degree Minimum Spanning Tree - Python

- Attempts to find a spanning tree that satisfies bound constraints on each node with the least cost
- Modifies known algorithms such as Kruskal's algorithm and Prim's algorithm

SKILLS

Hard Skills: Python, SQL, C, Pandas, Rust, HTML, Git, Django, Adobe Illustrator, Adobe Premiere Pro, Adobe Photoshop

Soft Skills: Time and Project Management, Problem Solving, Work Ethic, Active Listening, Attention to Detail