

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 in understanding the course material

University of Chicago Department of Computer Science

Student Office Support

Chicago, IL

February 2022 - Present

- Maintained a state of organization in the workplace to create a productive learning environment
- Served as a means of communication between related departments

University of Chicago Data Science Institute

Research Assistant

Chicago, IL

June 2023 - August 2023

- Designed the Sociome Data Commons to accommodate diverse datasets on a wide variety of 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
- Contributed to "Sociome Data Commons: A Scalable and Sustainable Platform for Investigating the Full Social Context and Determinants of Health" published online by Cambridge University Press

LEADERSHIP & ACTIVITIES

UChicago Tech Team

Member

Chicago, IL

September 2023 - Present

- Develop software solutions and data-driven strategies to provide non-profits and policy institutions the tools to strengthen their mission and optimize their resources
- Makes technology and digital tools more accessible to organizations regardless of budget or size

Delta Gamma Fraternity - Eta Zeta Chapter

Vice President of Social Standards

Chicago, IL

April 2023 - Present

- Create positive programming and enforce DG policies
- 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