Kaitlyn Li

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EDUCATION

The University of Chicago   Chicago, IL
Bachelor of Science in Computer Science and Data Science   Expected, June 2025
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, Introduction to Human-Computer Interaction

Arcadia High School   Arcadia, CA
GPA: 4.3/4.0 **|** Honors: Salutatorian, Gold Seal, Silver Seal   June 2021

EXPERIENCE

University of Chicago Department of Computer Science   Chicago, IL
Teaching Assistant   September 2023 - Present
- Led discussion sessions and office hours for Introduction to Computer Science I and Computer Science for Data Science
- Assised professors in the creation of homework materials
- Guided students through discussion assignments and issues they had in understanding the course material

University of Chicago Department of Computer Science   Chicago, IL
Student Office Support   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   Chicago, IL
Research Assistant   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   Chicago, IL
Member   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   Chicago, IL
Vice President of Social Standards   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   Chicago, IL
Team Member   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   Chicago, IL
Social Committee Member   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