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

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

EXPERIENCE

University of Chicago Data Science Institute   Chicago, IL
Research Assistant   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   Chicago, IL
Student Office Support   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   Arcadia, CA
Storefront Associate   June 2022 - September 2022, August 2023 - Present
- 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   Chicago, IL
Member   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   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

Stock Exchange - C
- Simulates a stock exchange market that takes limit buy and sell orders by reading orders from .txt files
- Implements data structures such as linked lists and heaps

Ray Tracer - Racket
- Traces the reverse path of light back to light sources to create photo-realistic images
- Implements several object types to create interesting photos and textures

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