

# 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 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 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

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

### 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