

Karen Lin

karen.lin@yale.edu | 214-707-0536 | [klin2020.github.io](https://github.com/klin2020)

EDUCATION

Yale University, New Haven, CT Expected May 2024

- **Majors:** B.S. Computer Science, B.A. History of Art
- **Coursework:** Data Structures, Algorithms, Systems Programming, Object-Oriented Programming, Digital Humanities, Human Computer Interaction
- **Proficient in:** C/C++, Python, HTML/CSS/JS, SQL, Figma, Adobe, Microsoft Office

EXPERIENCE

CS50, Teaching Assistant, New Haven, CT August 2022 – Present

- Teaches weekly section for CS course covering C, Python, SQL, and web development
- Facilitates bi-weekly office hours and helps students pseudocode, debug, and learn course material
- Selected for interdisciplinary studies and ability to explain coding concepts in various methods

Design at Yale, Studio Team Member, New Haven, CT January 2022 – Present

- Collaborates on graphic, product, and branding projects for undergrad organizations and startups
- Organizes design workshops and educational events

Yale Center for British Art, Intern, New Haven, CT June 2021 – August 2021

- Recipient of Bartels Summer Internship and Patrick McCaughey Scholarship
- Identified strategic subject areas for forthcoming publications with an eye for underrepresented female and people of color architects and designers associated with YCBA architect Louis Kahn
- Researched the careers of Anne Tyng and Henry N. Wilcots for a publication releasing in 2023

PROJECTS

Modeling and Annotating the Mithraeum of Dura Europos April 2022

- Rendered interactive photogrammetry models of the Mithraeum to create an educational tool and research database for Yale University's archival holdings of the city Dura Europos
- Led web development coding in HTML, JavaScript, CSS, and served as an intermediary between humanities and computer science students for an undergraduate course
- Integrated Unity generated model of the temple into our website and produced data visualizations

Santorini Board Game November 2022

- Built an application in Python with a co-programmer to play the game Santorini
- Designed class structures using design patterns to implement game logic and wrote AI players

ACTIVITIES AND LEADERSHIP

Camp Kesem at Yale, Co-Director, New Haven, CT December 2020 – Present

- Raised \$150,000 to execute free camp for 100+ children ages 6-18 whose parents have/had cancer
- Collaborated with 20 board members and manage 60+ counselors to plan camp and create an inclusive, diverse, and positive culture

Yale Daily News, Photo Editor & Senior Photographer, New Haven, CT August 2020 – August 2022

- Sourced photos for weekly production, managed communication between managing board and staff photographers, executed photography for daily publication and special issues