

# Cindy Tian

(443) 995-5785 | Cambridge, Massachusetts | cindytian@college.harvard.edu

## Education

### Harvard University

Cambridge, MA

*AB in Computer Science and Archaeology*

Expected Graduation: *March 2024*

- Relevant Coursework: Systems Programming and Machine Organization, Data Structures and Algorithms, Computer Graphics, Visualization, Computer Aided Machine Design, Toy Product Design (course at MIT), Theoretical Computer Science, Research Topics in Human Computer Interaction, Programming Languages
- Additional Commitments: 30 hours per week to the Harvard Varsity Sailing Team

## Technical Skills

**Programming:** JavaScript, HTML/CSS, Python, D3, C++, Unity, Retool, REST API Integration, Java

**Design:** Figma, Solidworks, Adobe Creative Cloud, Fusion 360

## Relevant Experience

### Harvard Product Lab

Cambridge, MA

*Senior Product Manager*

*Feb. 2022 - Present*

- Developed the UI/UX wireframes and prototypes using Figma for an Open Online Course platform for workplace professional skills training
- Conducted market research and user interviews to suggest OpenAI Integrations into the virtual meeting software developed by a leading software company in the industry, worth \$2 trillion

### Yapstone, Inc.

Walnut Creek, CA

*Software Engineering Intern*

*Jun. 2022 - Aug. 2022*

- Developed two internal facing portals using Retool, Javascript, CSS, and REST APIs to automate manual payment processes for the Finance/Treasury and the Technical Services departments
- Optimized build efficiency by 2200% using data structures to call, parse, and store API responses
- Ran two-week agile sprints with a fluent understanding of the Software Development Life Cycle (SDLC)

### Archaeology Research (Central Wyoming College)

Lander, Wyoming

*Archaeologist*

*May. 2021 - Jul. 2021*

- Conducted archaeological surveying for the Bureau of Land Management
- Recorded lithic sites, rock art panels, and features with precision using Geographic Information Systems

## Projects

### SPAN Challenge: MIT Energy Hack 22

*Nov. 2022*

- Designed a website with interactive visualizations showing the distribution of electricity to different household appliances over one day
- Proposed energy reallocation and optimization strategies by load shifting based on historical user data

### Levallois Core Project

*Dec. 2021*

- Collected data on Paleolithic stone tools and designed an interactive visualization website using Javascript, HTML/CSS, and D3 to display research findings and conclusions

## Leadership

### WHRB Harvard Radio

*Director of Studio Engineering and Tech*

*Oct. 2020 - Jan. 2022*

- Trained department members to produce pre-recorded and live content for radio air using Adobe audition
- Coordinated pre-show content for the Metropolitan Opera in New York. Launched monthly online social initiatives to build community and relationships in the remote year

### Harvard Undergraduate Science Olympiad

*Co-Director of Logistics*

*May. 2020 - Mar. 2021*

- Organized Harvard's first online Science Olympiad Tournament, hosting 800+ high school students and 400 middle school students for a two day competition