# CATHY YANG

**MS CS student interested in writing code, making art, and telling stories through human-oriented design**
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## EDUCATION

| | |
|---|---|
| **Stanford University** | ***M.S. in Computer Science*** *(June 2022)* |
| GPA: 3.89/4.0 | ***B.A. with Honors in Art Practice*** *(June 2021)* |
| **Relevant Courses** | Computer Systems and Organization, Probability for Computer Scientists, Design and Analysis of Algorithms, Web Applications, Computer Graphics, Game Design |

## SKILLS

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|---|---|
| **Languages** | Java, C/C++, Python, JavaScript, HTML/CSS, SQL, React/React Native |
| **Tools** | Git, MongoDB, AWS, JIRA, Figma, Unity Engine, Tableau, Adobe Creative Suite |

## EXPERIENCE

**Coupang**
June 2020 – Present

*Software Engineer Intern (Search Ranking)*
- Worked on a team of six to improve search ranking for e-commerce site
- Built deduplication feature to improve sitewide product clickthrough rate by 2% and buyer conversion by 1.9% over the course of 2 weeks
- Designed, implemented, and AB tested ranking functions

**Stanford Student Enterprises**
April 2020 – Present

*Creative Director*
- Guided development of brand identity, mission, and standards
- Consulted student organizations including Cardinal Ventures and Stanford Student Store to produce and maintain visual assets

**wikiHow**
June 2020

*Project Management Intern*
*(Cancelled due to COVID-19)*

**Center for Spatial and Textual Analysis (CESTA)**
June 2019 - October 2019

*Data Science & Communications Intern*
- Created data visualizations for digital humanities research projects
- Developed training program and workshops for a cohort of 25 interns

## PROJECTS

**Newsfeed Aggregator**
- Implemented multithreaded RSS newsfeed aggregator using C/C++

**Grandma's Cookies**
- Collaborated with a team of six to create narrative video game prototype
- Conducted player interviews and monitored playtesting sessions

**Develop for Good**
- Conducted user interviews and used Googled analytics to monitor user flow
- Designed and tested website wireframes for South Bronx United

**Photo Sharing**
- Developed photo-sharing website using MERN stack
- Final project for CS142 Web Applications

## LEADERSHIP

**Stanford SHE ++**
Board Member
- Supported in organizing national conference to introduces girls to CS
- Produced graphics for fundraising, marketing, and outreach

**Girls Teaching Girls to Code**
Mentor
- Led day-long workshop on introduction to computer programming for high school girls in the Bay Area

**The Stanford Daily**
Staff Designer
- Designed covers, infographics, and layouts for student publication
- Worked with writers and editors to create illustrations

**Stanford Department of Art**
Peer Advisor
- Advised undergraduate students and organized department-wide events