

# SOPHIA WANG

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## ✧ Education

Brandeis University - Waltham, MA

B.S. in Computer Science, Minor in Studio Art - GPA: 3.7

**Expected May 2023**

**Relevant Coursework:** *Human Computer Interaction, Introduction to User Experience Design, Design & New Media, Capstone Project for Software Engineering, Data Structures & Algorithms, Operating Systems, Discrete Structures, Advanced Programming Techniques in Java, Probability and Stats, Calculus*

**Awards:** Posse Scholarship-Brandeis STEM Scholar (full-tuition merit, 2019-2023), Dean's List (2019-present), RTC fellow

## ✧ Skills

**Programming Languages:** Java, Python, JavaScript, Ruby

**Other Skills:** HTML, CSS, Figma, Git, Adobe Creative Suite, Node.js, Drupal, Blender, Cantonese, Mandarin, Microsoft Office

## ✧ Relevant Experience

**DUB REU Research Assistant | University of Washington, Social Computing Lab** **May 2021 – August 2021**

- Designed and developed news platform using Figma, Node.js, EJS, Express, NewsAPI to conduct studies on how the "Like" button can promote incivility on social media platforms, and how the introduction of other button labels using words based on the Moral Foundations Theory can potentially improve political online discourse
- Researched and conducted experiments/surveys to design and implement icons for button labels; utilized Adobe Illustrator, HTML, CSS, JS; Project was worked on as part of a grant received by the Social Computing Lab
- Developed annotation interface in Node.js to read json file and label categories in Chinese-controlled Weibo posts

**Associate Developer Intern | Forum One**

**Jun 2020 – Jul 2020**

- Built content types in Drupal-8 for Fujifilm SonoSite's website and Forum One starter kit
- Programmed documentation in Java determining most commonly used Drupal-8 modules for F1 developers
- Created design system components using React
- Published [blogpost](#) about plugin built to display Children's Hospital Colorado Foundation's fundraising data
- Shadowed meetings with the US EPA, USDA, and AARP in backlog grooming, sprints, and huddles, etc.

**Support & Training Specialist | Brandeis University Sound & Image Media Studios**

**Aug 2020 – Present**

- Provide technical assistance to the Brandeis community with sound and imaging equipment
- Assist students with creative and professional projects in applications like Adobe Creative Suite, Logic, etc.

## ✧ Projects

**Branda, Software Engineer, Lead UX Designer** <https://branda.app>

**Dec 2020 – Present**

- Maintain and develop the Brandeis University campus mobile app in React Native, Node.js, MongoDB
- Application serves ~4000 students (75% of the undergraduate body at Brandeis), providing information about essential campus services including News, Shuttle Tracking, Laundry, Hours, Covid-19 information, etc.

**Pho#1, Website Redesign** [view case study](#)

**Sep 2021**

- Conducted user research, gathered needs, and redesigned Pho#1 Waltham's restaurant website using Adobe XD

**Codestellation 2020, Web Designer & Developer** <https://codestellation.io>

**May 2020 – Jun 2020**

- Designed and developed website for the largest annual hackathon at Brandeis University, "Codestellation"
- Attracted over 100 registered signups; Used tools in Adobe Creative Suite, Figma, HTML, CSS, Javascript

## ✧ Activities/Programs

**Brandeis Initiative for Technology, Machines, Apps, and Programming, E-Board Member** **Apr 2020 – May 2021**

- Hosted events centered around creating an inclusive, accessible CS community, including WIT panels, CS tutorials
- Created the branding, logo, sponsorship package, and "Codestellation 2020" theme; Secured sponsorships with Wolfram, Brandeis MakerLab, etc.

**Language Empowering Action Project, Instructor & Coordinator**

**Sep 2019 – Present**

- Led English class for ~15 learners in Waltham, empowering them with skills that enable them to apply to jobs, pass citizenship tests, etc.; Partnered with the Waltham Public Library in Fall '20 to organize 3 fully remote weekly classes