

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 Information School

May 2021 – August 2021

- Worked in the Social Computing Lab at the University of Washington iSchool led by Professor Tanushree Mitra
- 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 Environmental Protection Agency (EPA), USDA Foreign Agricultural Service (FAS), and AARP in backlog grooming, sprint planning and reviews, huddles

Help Desk Technician | Brandeis University Information Technology Services

Jan 2020 – May 2021

- Provided in-person/online technical support to Brandeis faculty, staff, and students regarding network troubleshoot issues, university-sponsored software, hardware repair, security issues; Resolved ~250 tickets/week with team

✧ Projects

Branda, Software Engineer, Incoming 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.

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