Anna Wang

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EDUCATION

Brown University   Sep 2022 – May 2026
B.S. in Computer Science, B.A. in Business Economics   GPA: 4.0
- Relevant Coursework: OOP, Data Structures & Algorithms, Software Engineering, Computer Vision, UI/UX Design, Probability & Statistics, Linear Algebra, Computer Graphics, Computational Linguistics, Market Design

EXPERIENCE

Software Engineering & UX Design Intern   May 2024 – Aug 2024
BillMax   *Colleyville, TX*
- Designed screens and implemented front end for mobile app in Flutter used by 400+ service technicians
- Lead redesign for core billing product for hundreds of ISP clients; developed new UI using **React** and **TypeScript**
- Conducted 12 user interviews to guide road mapping and prototyping of new interface and design system

Java Instructor   Jun 2023 – Aug 2023
iD Tech Camps   *Pittsburgh, PA*
- Facilitated and delivered **Java** courses engaging 60+ middle and high school students at Villanova and CMU
- Taught Object-Oriented Programming for app development; mod development using Forge API and Gradle

UI/UX Designer   May 2023 – present
Good Morning Cafe NFT   *Remote*
- Work closely with developers using Figma to design user tools such as link-in-bio page for 1.5k+ GMCafe holders
- Innovate and **end-to-end prototype** internal dashboard for holders to customize profiles and lock away assets

Front End Developer   Jan 2023 – present
Full Stack at Brown   *Providence, RI*
- Develop apps used by thousands of students/faculty for digital consulting group using **TypeScript** and **React**
- Conducted user research and led design overhaul of internal tooling and staff interfaces, increasing staff efficiency for Brown's course review site The Critical Review, used by **5k+ students per month**

Website Manager   Sep 2023 – present
Women in Science & Engineering at Brown   *Providence, RI*
- Design and build new club website using Velo by Wix and **JavaScript** reaching **550+ members**

Marketing Intern   May 2022 – Aug 2022
Chamber of Commerce for Greater Philadelphia   *Philadelphia, PA*
- Directed project revamping **WordPress** website utilizing **HTML** and **CSS**, enabling site-wide updates in content
- Drafted newsletters promoting initiatives and economic progress in the region to thousands of businesses

PROJECTS

Posters at Brown | GitHub   *React, TypeScript, HTML, CSS, Java, Spring Boot*
- Designed and prototyped UI in **Figma** for a digital events hub application reaching 12k+ Brown/RISD students
- Developed responsive front end using **React** that parses uploaded posters with **Google Cloud Vision API** and supports user authentication with **OAuth 2.0**; connected Spring Boot back end by implementing REST API

Bathrooms at Brown | GitHub | Devpost   *React, TypeScript, HTML, CSS, Java, Spring Boot, Mapbox API*
- **Won Best DEI Hack out of 400+ competitors** at Hack@Brown 2024 for web application featuring interactive 3D map allowing users to filter accessible spaces on campus based on their geolocation and leave reviews
- Integrated React front end with **Spring Boot** back end, fetching data from **MongoDB database**

Visualizing Historical & Contemporary Redlining | GitHub   *Java, Apache Spark, TypeScript, React*
- Implemented **Mapbox API** on front end to visualize historical redlining data, linking with U.S. Census broadband access data fetched from back end REST API server to identify potentially under-served communities
- Wrote unit and integration tests using **JUnit, Jest**, and **Playwright** testing frameworks

TECHNICAL SKILLS

Languages & Frameworks: TypeScript, JavaScript, React, HTML, CSS, Java, Python, C++, Flutter, Dart
Tools: Figma/Figjam, Adobe Suite, MongoDB, GitHub/Git, Maven, JUnit, Jest, Playwright, Material UI, Chakra UI
Affiliations: Rewriting the Code (Fellow), Girls Who Code, Visions AAPI Literary Magazine (Design Editor)