

Annie Wang

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github.com/wangannie
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EDUCATION

University of California, Berkeley

Graduating May 2023

GPA 3.9/4.0

B.A. Computer Science

Relevant Coursework

Data Structures & Algorithms

Data Science

Discrete Math & Probability Theory

Information Systems and Devices I & II

Linear Algebra

SKILLS

Engineering

Python, Java, JavaScript, SQL, HTML/CSS, C++, Swift, React, TypeScript, Redux, React Native, XState, Node.js, Firebase

Design

Figma, Sketch, Adobe CC (Illustrator, Photoshop, InDesign)

COMMUNITY

Blueprint, Tech for Nonprofits

VP of Projects

Spearheaded recruitment of 5 year-long nonprofit client projects and launched initiatives to recruit more diverse and inclusive nonprofits, which resulted in 65% of final-round nonprofits led by and serving BIPOC and LGBTQ+ communities.

Intro to Figma (DESINV 98)

Teaching Assistant

Developed and taught a beginner Figma curriculum to a class of 30 students with lectures and assignments on UI/UX, design systems, design theory, design justice, and open source. Managed coursework, held office hours, and graded projects.

Center for Civic Design

UX Researcher

Conducted usability testing in Mandarin for the NYC Campaign Finance Board voter guides to improve ballot access for minority voters with limited English proficiency.

EXPERIENCE

Facebook

May 2021 - August 2021

Enterprise Engineering Intern • React, Python, PHP (Hack), GraphQL, Relay, Jest

- Built a full-stack payment reconciliation portal for Facebook Treasury to manage daily payments to Novi financial partners for the buying and selling of Diem coin, saving treasury managers 20+ hours per week from the manual settlement process by aggregating data sources and enabling automation.
- Created hourly ETL pipelines from HDFS to a MySQL database using Python, Pandas, and PHP to import, clean, and validate bank transaction data and match to SLA configurations.
- Implemented typeahead search suggestions for dynamically-generated filters on a reporting analytics tool used organization-wide.

DC Central Kitchen - Healthy Corners

September 2019 - December 2020

Full-Stack Mobile Developer (Contractor) • React Native, Node.js, Express, Expo

- Built and launched a food resource hub mobile app ([iOS](#) and [Android](#)) connecting 200+ weekly active users to healthy produce in food deserts by sharing community resources and up-to-date produce availability at 50+ independent corner stores across Washington DC.
- Implemented the Favorite Stores feature to send SMS notifications using Twilio whenever a customer's favorite stores receive produce deliveries.
- Created a daily job to sync product data from an inventory management system to the Airtable backend; implemented secure passwordless SMS authentication using Firebase.

National Institutes of Health (NIH)

June 2020 - August 2020

Civic Digital Fellow • JavaScript, Jekyll, SCSS, US Web Design System

- Designed and built [cloud.nih.gov](#), a website that enables 3,000+ NIH-funded researchers to understand and leverage the power of cloud computing in biomedical research.
- Standardized accessibility-focused development practices with automated testing scripts to ensure compliance with web accessibility standards like Section 508 and WCAG 2.0.

GE Aviation

June 2019 - August 2019

Software Engineering Intern • Java, AWS S3

- Redesigned APIs and migrated backend service endpoints from an on-prem Network File System to AWS S3 as part of organization-wide initiatives to update legacy systems, which improved performance and reliability with cost savings of over 75%.

PROJECTS

Mee Panyar

[github.com/calblueprint/meepanyar](#)

2021 Blueprint Nonprofit Partner • Progressive Web App: React, TypeScript, Redux

Developed offline-compatible inventory-tracking features to help local technicians maintain solar mini-grids in Myanmar's low-bandwidth rural communities.

COVID-19 Contact Tracing Simulation

[Demo & Walkthrough \(Youtube\)](#)

CS 61B (Data Structures) Extra Credit • Java, JUnit, IntelliJ

Designed and developed a virus contact tracing simulator game to demonstrate the importance of social distancing.