

Lily Zhou

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EDUCATION

Stanford University

Bachelor's in Computer Science and English | GPA: 3.96

Sept 2018 - June 2022

EXPERIENCE

Google, Software Engineer

Sept 2022 - April 2025

- As part of the Android Wallet Integration team within Platforms & Devices, worked to improve the Wallet experience on Android devices, focusing specifically on creating contextual-based suggestions for loyalty cards and improving NFC capabilities

Google, Software Engineering Intern

June 2021 - Sept 2021

- As part of the GFE Engineering Productivity team, developed an adaptive load step controller using C++ that utilizes the autoranger algorithm to identify the next load value that should be tested on a HTTP load balancer
- Developed post-processing measures that extract summary metrics from a performance curve for an HTTP load balancer
- Designed and implemented two algorithms that identify the knee on a QPS vs. latency curve

The Stanford Daily, Tech Team Member, Data Visualization Director

Oct 2018 - June 2020

- Led team in developing a data-driven web application (Modeling the Draw) displayed on the Daily's homepage
- Designed and developed longform WordPress template using HTML, CSS, and PHP
- Created data visualizations in collaboration with news writers using Tableau, Excel, Flourish, and d3.js
- Reported and conducted data analysis on the San Francisco housing crisis and university residential fees

Stanford HCI Group, Computer Science Research Intern

June 2019 - Aug 2019

- Designed and developed curriculum of an Android application research project that utilizes storytelling for education
- Conducted 40+ user studies and analyzed data to evaluate user engagement and academic performance
- Supported English Bot, a chatbot that helps Mandarin speakers learn English, by recording audio and editing UX text

SKILLS

Languages: Java, Kotlin, C, C++, JavaScript, Python, React.js, HTML/CSS

Technologies: Android, Git