

AMRITA VENKATRAMAN

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EDUCATION

Stanford University

B.S. Computer Science (Human-Computer Interaction) 2020

Minor Psychology 2020

EMPLOYMENT

Maven Clinic

Software Engineer III

San Francisco, CA

May 2023 to Current

Slack

Software Engineer II

San Francisco, CA

May 2021 to Apr. 2023

- Built a new open-source architecture framework for Android (MVI, Compose, Coroutines) that enables faster prototyping and seamless navigation. Featured on Talking Kotlin Podcast.
- Overhauled our mobile design system by converting SlackKit components to use Jetpack Compose, improving the overall UI

Software Engineer I

- Prototyped and deployed multiple features including but not limited to scheduled send timezones and block kit functions

San Francisco, CA

July 2020 to May 2021

Software Engineer Intern

- Android Infrastructure Team

San Francisco, CA

June 2019 to Sept. 2019

Stanford Center for Technology and Poverty

Product Lead

Stanford, CA

June 2020 to Feb. 2021

- Lead designer and mobile developer for My College Cash, an app funded by the Stanford Center For Technology and Poverty to help low-income high school students find opportunities to financially support their further education.
- Used Figma for mockups/designs/prototypes and React Native/Firebase for the development.

Stanford Computer Science Department

Lecturer

Stanford, CA

Jan. 2020 to Apr. 2020

- Selected to teach CS91SI: Introduction to UI/UX Design. Prepared and designed curriculum from scratch, focused on prototyping and iterating using Figma.
- Invited guest lecturers from industry to give feedback on student projects.
- Link to one of my student's assignments on redesigning a particular user flow in a piece of software
- After teaching this course, was asked to consult on redesigning Axxess (Stanford's software for enrolling students in classes)

Looker

Software Engineer Intern

Santa Cruz, CA

June 2018 to Sept. 2018

- Worked on creating custom visualizations (AngularJS) and robust roboelectric tests for end-to-end functionality.

PROJECTS

PhotoShare Application

For Stanford's Web Applications final project, I used the MERN stack (MongoDB, Express, React, and Node) to build a photo sharing application that included authentication, uploading pictures, liking and commenting on pictures, and interacting with other users. This was a one week long project so the design is a little rudimentary!

May 2020 to June 2020

Redesigning Glassdoor

For Stanford's Human-Computer Interaction Studio Class, I chose to redesign an aspect of Glassdoor's functionality using Invision. The link above details the entire process: from initial research to ideation to iterative design.

Feb. 2019 to Mar. 2019

SKILLS

RELEVANT COURSEWORK: Web Applications, Programming Abstractions, Computer Organization and Systems, Cross Platform Mobile Development, Design and Analysis of Algorithms, Human Computer Interaction Research, Contemporary Javascript

TECHNICAL SKILLS: HTML/CSS/Javascript, React, Typescript, Node.js, Figma, Kotlin, Next.js, React Native, C++, Python

AWARDS

Stanford CS + Social Good · Fellowship Recipient

Feb. 2018

Stanford CS Department · Grace Hopper Conference Scholarship Recipient

Apr. 2019

Kleiner Perkins · Kleiner Perkins Fellow

June 2019

Selected as one of the 30 fellows for the 2019 Kleiner Perkins Class out of a pool of 3000+ applicants.