

# ALEXA RAMACHANDRAN

CREATOR, DESIGNER, ENGINEER

## ABOUT ME

I'm a senior at Stanford University studying Symbolic Systems. I have multiple years' experience with interface design and development of modern web apps with React, and developing robust systems in C++. I'm also passionate about mental health advocacy and ethics and diversity in tech.

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## EDUCATION

### Stanford University

B.S. Symbolic Systems  
Human-Centered AI  
December 2022

Selected Coursework:

- AI: Principles & Techniques
- Cross-Platform Mobile Development
- Cognition in Interaction Design
- Computer Systems from Ground Up
- Design & Analysis of Algorithms
- Designing for AI
- Programming Abstractions (Data Structures)
- Intro to HCI
- Social Computing

## PROJECTS

### artally

January-March 2021

- Art feedback community platform, created for Stanford HCI course
- Need-finding, UI/UX design, cross-platform development

### Across the Aisle

July 2019

- Political bias detector extension for news articles using text sentiment analysis
- Concept, UI/UX design, front-end development

### Thermal Camera Library

January-March 2019

- Designed library for a thermal camera on Raspberry Pi including graphics, image capture, and storage

## SKILLS

- Java, Python, JavaScript, C++, C#, C, Swift, HTML, CSS, React, React Native
- Photoshop, Lightroom, Figma
- English (Native); Japanese, Mandarin, Spanish, Hindi (Elementary proficiency)

## WORK EXPERIENCES

### SWE Intern @ Apple

June - September 2021

- Developed architecture for system to detect and report outdated internal documents
- Implemented Gradle to manage projects in Gitbook and Jekyll

### SWE Intern @ Microsoft

June - September 2019

- Designed NLP chatbot for retrieval of key business statistics for XBOX Reliability and Engineering Operations
- Worked as both Software Engineer and Program Manager for project

### SWE Intern @ Ellington Management

May - July 2018

- Designed tools for analysts including data grids and spreadsheets
- Improved efficiency of data retrieval software engine

## EXTRACURRICULARS

### Co-Director @ she++

September 2018 - present

- Co-Director of 501(c)3 non-profit empowering minorities in tech
- Coordinator for diversity in tech initiatives and annual Summit conference

### Counselor @ The Bridge Peer Counseling Center

September 2020 - June 2021

- Volunteer Counselor at Stanford's 24/7 Peer Counseling Center, provided anonymous, confidential emotional support for peers