Alexa Ramachandran

EDUCATION

Stanford University; Stanford, CA   **September 2018 - December 2022**
Symbolic Systems (Human-Centered Artificial Intelligence) (BA)
Relevant Courses: AI: Principles & Techniques, Cognition in Interaction Design, Design & Analysis of Algorithms, Designing for AI, Intro to HCI, Programming Abstractions, Social Computing

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PROFESSIONAL EXPERIENCE

Block Party   **April - August 2023**
Software Engineer
- Developed Chrome extension to monitor and update privacy settings across Facebook, Twitter & Venmo
- Used React for front-end and JavaScript for background browser automation scripting and page interaction

Apple, Inc.   **June - September 2021**
Software Engineer Intern
- Created foundational system to detect and report 1,000+ of outdated internal documents on Siri AI/ML wiki
- Utilized Gradle to manage projects in Gitbook and Jekyll

Microsoft Corporation   **June - September 2019**
Software Engineer Intern
- Developed an internal chatbot to retrieve Business Information on Xbox Titles and 1,000,000+ associated players
- Trained bot with LUIS NLP service and deployed bot live into Azure to be integrated with Microsoft Teams and XboxData Portal
- Project spurred creation of entire new team at Microsoft focused on this product

Ellington Management Group   **May - July 2018**
Software Engineer Intern
- Developed common application framework for webdev platform catering to hedgefund's Traders and Business Analysts
- Built out the user interface functionality to provide rapid analysis of data using UI data grids
- Improved efficiency of the data retrieval software engine by refactoring major modules

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PROJECTS

- **Artally:** Art feedback community platform, created for Stanford HCI course. Responsible for need-finding, UI/UX design, and cross-platform development
- **Across the Aisle:** Political bias detector extension for news articles using text sentiment analysis. Responsible for concept, UI/UX design, and front-end development
- **Thermal Camera Library:** Designed library for a thermal camera on Raspberry Pi including graphics, image capture, and storage. Associated with Stanford CS 107E course
- **printf:** Implemented printf function and libraries from scratch in C. Associated with Stanford CS 107E course

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EXTRA-CURRICULAR ENGAGEMENTS

she++   **September 2018 - January 2023**
Team Member, Co-Director
Co-Director of she++, a 501(c)3 nonprofit organization empowering underrepresented groups in technology fields. The program provides resources to students to start initiatives in their high schools, mentorship, and an opportunity to attend Summit in Silicon Valley.

Bridge Peer Counseling Center   **September 2020 - June 2021**
Volunteer Counselor
Peer Counselor at Stanford's Bridge Peer Counseling Center — 24/7 anonymous counseling center providing emotional support and a safe space to explore solutions to personal problems.

SKILLS & INTERESTS

- **Technical**: C, C++, Python, React, JavaScript, HTML/CSS
- **Interests:** Mental health, Diversity, Playing piano and oboe, LGBTQ+ Activism