

Mehul Arora

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EXPERIENCE ✨

Microsoft Corp. — Product Management Intern

June 2022 - September 2022

- Worked with partner teams, engineering, and design to overhaul the UX of Floodgate, Microsoft's in-app user feedback and survey platform.
- Designed experiments to derive insights around and optimize survey response rates.

Amazon Inc. — Software Development Engineering Intern

June 2021 - September 2021

- Designed and deployed a service to automate IMDb's trailer ingestion workflow using Java, JavaScript and AWS.
- Reduced time taken by upload process from several minutes to a few seconds.

Stanford Psychophysiology Lab — Software Development Intern

June 2020 - January 2021

- Worked on wearable health device for people diagnosed with ASD.
- Designed and implemented iOS app to serve as a control center for the device.
- Designed APIs and protocols for communication between phone and microprocessor using a distributed system.

PROJECTS 🏠 (click to see more)

Parea — CS Senior Project

Designed and built a scalable mobile application to provide caregivers of people with ASD with trusted resources and community support using React Native and Firebase.

YesTrashCAN — TreeHacks '20 (nVidia special mention)

Developed a modular CV project with a 3-member team to classify user waste and monitor waste levels on a dashboard to make sustainability effortless.

WhatTimeWorks — Personal Project

Developed a real-time calendar application to coordinate group events using Swift.

PUBLICATIONS 📄

Facilitating Affect Regulation (FAR) — ACM CHI 2022

Second author and presenter

EDUCATION 🎓

Stanford University

Masters of Science
MS&E, Spring 2023

Relevant Coursework:

- MS&E272 - Intl. Business
- MS&E271 - Marketing
- MS&E252 - Decision Analysis
- MS&E241 - Macroeconomics

Bachelors of Science

Computer Science, Spring 2023

Relevant Coursework:

- CS347 - HCI Research
- CS278 - Social Computing
- CS161 - Algorithms
- CS152 - Trust and Safety

Teaching:

- Patent Law - Head TA
- Computer Vision - TA
- CS106A, CS106B - Section Leader

SKILLS 🧑

Programming Languages

Python, Swift, C++, C, JS, Java

Frameworks and Technologies

Figma, Git, Linux, React, Node, AWS, SQL / NoSQL

ACTIVITIES 🏀

Stanford Men's Ultimate
Player, Social Chair

Stanford Technology
Peer Technology Specialist

Student Space Initiative
Webmaster, Launch Ops Co-lead