Mehul Arora

Stanford, CA   (650) 374 9054   aroram8@stanford.edu   mehul-arora   mehularora8

EXPERIENCE ✨

Amazon Inc. — *Software Development Engineering Intern*
June 2021 - August 2021

- Designed and deployed a service to automate an IMDb ingestion workflow using Java, JavaScript and AWS.
- Reduced time taken by upload process over 150x from several minutes to seconds.

Stanford Psychophysiology Lab — *Software Research Intern*
June 2020 - January 2021

- Worked on end-to-end wearable health device for people diagnosed with ASD.
- Implemented iOS application to serve as a control center and for data analysis.
- Built APIs and protocols for Bluetooth Communication between Phone and microprocessor using a distributed system.

Stanford University — *CS106 Section Leader*
January 2021 - Current

- Section leader for Stanford's largest undergraduate courses in Python and C++.
- Responsible for designing and teaching a weekly discussion section to solidify concepts taught in lecture and work through problems and taking office hours.
- Held workshops and assisted new Section Leaders through practice teaches

PROJECTS 🏗 (click to see more)

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.

Wanadu — CS278 Class project

Developed a scalable social mobile application for niche, underrated, less "touristy" experience travel recommendations using Swift and Google Firebase.

WhatTimeWorks — Personal Project

Used Swift and Google Firebase to develop a real-time calendar application to coordinate events with a large number of people by getting their availability.

GoldenHour — AngelHack '19

Created a camera platform on Raspberry Pi using Python to process real-time video feed using ML to analyse it for abnormalities like a seizure or fainting.

EDUCATION 🎓

Stanford University
Class of 2023 (Spring)
BS, Computer Science (AI Track)
GPA: 3.85

Relevant Coursework:

- CS231N - Convolutional NN
- CS161   - Data Structures
- CS142   - Web Applications
- CS193P - iOS Development
- CS278   - Social Computing
- CS152   - Trust and Safety
- CS131   - Computer Vision
- CS230   - Deep Learning

SKILLS 👨🏻‍💻

Languages
Python, Swift, C++, C, JavaScript, Shell, Java

Frameworks / Technologies
Git, Figma, Linux, TensorFlow, SwiftUI, ReactJS, NodeJS, AWS

Other
Public Speaking, Leadership, Teaching

ACTIVITIES ⚽

Applied Cybersecurity
Member

Stanford Technology
Peer Technology Specialist

Student Space Initiative
Webmaster
Co-lead, Balloons Launch Ops

Frosh101
Section Leader