

Mehul Arora

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EXPERIENCE

Stanford CURIS — Research Assistant

June 2020 - PRESENT

- Worked on end-to-end wearable haptic breathing pacer for people diagnosed with Autism Spectrum Syndrome (ASD)
- Led project to create the iOS mobile interface to control and manage the breathing pacer using SwiftUI.

EduTech Fdn. — Head Software, Operations

Sep 2018 - May 2019

- Created online games such as a Hindi Word Anagrammer in Javascript.
- Introduced the concept of “Edutainment” for effective learning.

PROJECTS

YesTrashCAN — TreeHacks '20

Developed a modular CV project with a 3-member team to classify user waste and monitor waste levels on a centralized dashboard and make sustainability effortless. The project received a special mention from nVidia.

Requirement Tracker — Personal Project

Used Core Data and SwiftUI to build an iOS application to make tracking degree progress easier and more efficient for college students.

Abridge — AngelHack '18

Developed Web platform using Python, Javascript and Google's cloud suite to take notes seamlessly from speech with a 3-member team.

UNO — Personal Project

Used sockets, threading and pygame to create a server-client based version of popular card game UNO in python.

URL Shortener — Personal Project

Used Flask to build a fully featured web platform that lets users shorten URLs and view analytics of their shortened URLs.

Pathfinder Visualizer — Personal Project

C++ program to visualize working of DFS, BFS and Dijkstra's algorithm in the console.

EDUCATION

Stanford University '23

Bachelor of Science, CS
GPA: 3.85

Relevant Coursework:

- Data Structures
- Advanced Systems
- iOS App Development
- Principles of AI
- Computer Vision

SKILLS

Python



C/C++



Swift



Arduino



Javascript



HONORS/AWARDS

Indian National Olympiad of
Informatics '18, Ntl. Qualifier
Southeast Asian Math Olympiad'18,
Ntl. Rank 2
KVPY '18, Scholar
Ntl. Talent Search Exam, Scholar

ACTIVITIES

Stanford Student Technology
Peer Technology Specialist

Stanford Space Initiative
Webmaster
Co-lead, Balloons Launch Ops