

ARUSHI SOMANI

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CS @ UC Berkeley | Entrepreneur | Proficient Violinist

EDUCATION

University of California, Berkeley

Bachelor of Arts in Computer Science, GPA: 4.0

Berkeley, CA

Fall 2019 - Spring 2023

Bhatkhande Music Institute Deemed University

Visharad (Bachelor's) in Indian Classical Music through Violin

Lucknow, India

July 2015 - August 2018

SKILLS

Relevant Coursework: Structure and Interpretation of Computer Programs, Data Structures, Designing Information Devices and Systems 1, Discrete Math & Probability

Programming Languages: Git, Python, Java, HTML, CSS, SQL, Adobe Library, Unity, JavaScript, LaTeX, Swift, C, Blendr, React, Angular, Node.js

AWARDS AND HONORS

CalHacks 6.0 Fellowship

Competed against 2000 people to be awarded a fellowship to continue Hackathon project.

1517 Fund Grantee

Given a equity-free grant of \$1000 to further develop VATT, a video dubbing startup.

EXPERIENCE

Brain Rehabilitation in a Virtual Environment Project

Developer

Berkeley, USA

Feb 2020 - Present

- Create cognitive training tasks in V.R. to facilitate treatment of mild traumatic brain injuries.

Berkeley Educational Engineering Society

Course-ware Developer Intern

Berkeley, USA

Jan 2020 - Present

- Developer for the course-ware used in Berkeley EECS classes, including online editor, composition checker, and automated grading software.

Extended Reality at Berkeley

Consultant

Berkeley, USA

Feb 2020 - Present

- Advise companies in the Bay Area on methods to integrate with VR technology, and develop software to assist them.

Berkeley EECS CS61A

Academic Intern and Student Mentor

Berkeley, USA

Jan 2020 - Present

- Guide students in labs and hold drop-in office hours. Lead a 5-student mentoring section each week.

Avadh Chain of Hospitals

Freelance Developer

Lucknow, India

Feb 2019 - Nov 2019

- Developed and launched company website.
- Created in-house SMS-based ticketing portal, improved clinic experience and reduced wait-time.

Lazarus Technical Society

Founder, President

Lucknow, India

Apr 2016 - Nov 2018

- Started a 450-member technical society based in Lucknow to promote CS and STEM education among K-12 students through workshops, interactive sessions, competitions and exhibitions.

SIGNIFICANT PROJECTS

VATT: Video Dubbing Software

A funded video dubbing software as a software startup aiming to make online educational resources more accessible to non-English speakers.

PorterCo: The Hospital Portering System

Founder and developer of a low-energy bluetooth portering system for hospitals, funded by ApolloMedics Hospitals, India.

Virtual Reality Tesseract

A 4-dimensional cube seen in 3 dimensions through VR Headset. Currently developing physical models.