

# ARUSHI SOMANI

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## EDUCATION

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**University of California, Berkeley**  
Bachelor of Arts in Computer Science  
GPA: 4.0

Fall 2019 - Spring 2023

## EXPERIENCE

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**Software Development Intern** | *Vurbl Media Inc.*

July 2020 - August 2020

- Integrated speech-to-text abilities to audio processing pipeline, enabling audio searching and audio snippet creation.
- Successfully ran 1.2 million audio files to generate metadata.

**Developer and Marketing Specialist** | *Berkeley SCET*

May 2020 - Present

- Redesigned landing page based on JAMStack.
- 85% increase in offered resources by automating lead generation, content creation and delivery through newsletters.
- Converted 5000 new users through improved outreach and SEO.

**Teaching Assistant & Courseware Developer** | *Berkeley EECS*

May 2020 - Present

- Intro to Computer Science; class size:  $\approx$  2600 students.
- Content creation for labs, homeworks, projects. Lead weekly discussions.
- Developer for Berkeley EECS classes, worked on online editors, automated grading tools, & office hour software.

**Educator** | *Web Development at UC Berkeley*

July 2020 - Present

- Taught full-stack application development principles to 40 students, from data layer to UI/UX.
- Technologies included: *viz.* HTML, CSS, JS, React, Typescript, Node, Django.

**Director** | *Cal Hacks*

Aug 2020 - Present

- Cal Hacks Fellowship Leader - helped 10 teams launch their hackathon projects
- Taught product launch principles - MVP testing, user interviews, pitching etc

**Developer** | *Brain Rehabilitation in VR Project*

Feb 2020 - July 2020

- Developed V.R. for cognitive training tasks to aid treatment of mild traumatic brain injuries
- Showcased at Facebook's Oculus Connect

## PERSONAL PROJECTS

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**VATT: Video Dubbing Software**

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

**Chair MUN: Chairperson Assistant**

Interactive web app to automate procedural tasks in Model UNs, pushing towards paperless conference. Used by assistant directors at Harvard Model UN India 2019.

**Tempest: Clean Thought Processing**

Dynamic web-based thought-tree generator, developing a unique means to string together thoughts, ideas & resources.

## AWARDS AND HONORS

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Rewriting The Code: Fellowship Award

August 2020

Dorm Room Fund: Female Founders Track Award

June 2020

UC Berkeley: Albert I. Elkus Memorial Prize

May 2020

1517 Fund: Fund Grantee

March 2020

CalHacks 6.0: Fellowship Award

November 2019

## SKILLS

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Relevant Coursework    Intro to Functional Programming, Data Structures, Linear Algebra & Circuits, Discrete Math & Probability, Machine Structures

Technologies            Git, Python, Java, HTML, CSS, JavaScript, Django, Flask, SQL, Unity, LaTeX, Swift, C, React, Go