

ARUSHI SOMANI

✉ arushisomani@berkeley.edu · 📞 (408) 714-9521 · 🌐 AMKS.me · 🌐 arushisomani

EDUCATION

University of California, Berkeley

Fall 2019 - Spring 2023

Bachelor of Arts in Computer Science and Economics

EXPERIENCE

Software Engineering Intern | *Salesforce*

June 2021 - August 2021

- Worked on the Lightning Data Service team.
- Developed React & Vue bindings for internal API client tools.

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.

Instructor | *Web Development Class at Berkeley*

July 2020 - Present

- Taught full-stack application development principles to 120 students, from data layer to UI/UX.

PERSONAL PROJECTS

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

Outliers: Fellowship Award

May 2021

Berkeley-Haas Entrepreneurship Award

May 2021

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

Cal Hacks 6.0: Fellowship Award

November 2019

SKILLS

Relevant Coursework Intro to Functional Programming, Data Structures, Linear Algebra & Circuits, Discrete Math & Probability, Machine Structures, Efficient Algorithms and Intractable Problems, Probability and Random Processes, Operating Systems and Systems Programming, Optimization Models in Engineering

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