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, GPA: 3.94

- Teaching Assistant & Courseware Developer for Introduction to Computer Science at UC Berkeley (approx. 2000 students)
- Founder for and instructor of Web Development Class at Berkeley, teaching full-stack application development principles to 120 students, from data layer to UI/UX.

EXPERIENCE

Student Researcher | *Berkeley EECS*   January 2022 - Present

- Researching programming systems and machine learning applications.
- Worked on synthesis tools for data scientists, with an open-source release.

Software Engineering Intern | *Vanta*   May 2022 - August 2022

- Worked on the Audit Experience team, building end-to-end projects that allow for a smoother user experience. Built out a company-wide notifications system.

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 - January 2022

- 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.

Director | *Cal Hacks*   Aug 2020 - May 2022

- Helped run the world's biggest collegiate hackathon, hosting >3000 students.
- Ran the Fellowship program - helped >50 teams launch their hackathon projects as funded startups. Taught product launch principles - MVP testing, user interviews, pitching etc

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.

RedString: Code Assistant
Interactive code-writing assistant that leverages state-of-the-art code synthesis tools to allow developers to focus on the "what" and ignore the "how".

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

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 Systems Programming, Artificial Intelligence, Machine Learning, and Computer Graphics
Technologies	Git, Python, Java, HTML, CSS, JavaScript, Django, Flask, SQL, Unity, LaTeX, Swift, C, React, Go