ARUSHI SOMANI

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WORK EXPERIENCE

Member of Technical Staff | *Adept AI Labs*　　　　　　　　　　　　　　　June 2023 - Present
- Technical Lead, Data Team. Designed and productionized data infrastructure and pipelines critical for large-scale model training.
- Research Eng, Foundations Team. Developed evaluation infrastructure, pre-training for UI understanding, post-training for instruction-following.

Research Assistant | *Berkeley EECS*　　　　　　　　　　　　　　January 2022 - June 2023
- Programming systems and machine learning applications under Prof. Sen in the Sky Lab at Berkeley.
- Tools for data scientists for code-writing and code analysis. Theses: Dynamic Pseudo-code Interfaces Backed by Generative Language Models + Automatically Learning and Growing Libraries of Code

Software Engineering Intern | *Vanta*　　　　　　　　　　　　　　May 2022 - August 2022
- Audit Experience team, building end-to-end projects that allow for a smoother user experience. Built out product's email notifications infrastructure.

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.

Developer and Marketing | *Berkeley SCET*　　　　　　　　　　May 2020 - January 2022
- Coordinated events and social media presence for Berkeley Entrepreneurship Center
- 85% increase in offered resources by automating lead generation, content creation and newsletters.
- Converted 5000 new users through improved outreach and SEO.

PUBLICATIONS

- Bavishi, Rohan and Elsen, Erich and Hawthorne, Curtis and Nye, Maxwell and Odena, Augustus and Somani, Arushi and Taşırlar, Sağnak. **Fuyu-8B: A Multimodal Architecture for AI Agents**. October, 2023.
- Elsen, Erich and Hawthorne, Curtis and Somani, Arushi. **The Adventure of the Errant Hardware**. September, 2023.
- Elsen, Erich and Odena, Augustus and Nye, Maxwell and Taşırlar, Sağnak and Dao, Tri and Hawthorne, Curtis and Moparthi, Deepak and Somani, Arushi. **Releasing Persimmon-8B**. September 2023.

EDUCATION

University of California, Berkeley　　　　　　　　　　　　　　　Fall 2019 - Spring 2023
Bachelor of Arts in Computer Science and Economics, GPA: 3.94

Bhatkhande Music Institute　　　　　　　　　　　　　　　　　July 2015 - August 2018
Visharad (Bachelor's) in Indian Classical Music