

Sriram Venkatachalam Ramaswamy

📍 Los Angeles, CA, 90007

☎ (213) 453-2725

🔗 Skeletrox

✉ sriram.rmswmy@gmail.com

🖱 <https://skeletrox.github.io>

in sriramvera

Developer with experience and expertise in **distributed systems**, **machine learning** and **artificial intelligence** as the core ML engineer at a startup. Interests include **intelligent systems**, **automation**, and **self-reliant systems**.

PROFESSIONAL EXPERIENCE

USC Annenberg Media, Digital Development Lead

- Fixed UI/UX issues within the USC Annenberg Media Website
- **Migrating** code from **JSP** to **React** and **Django** in order to facilitate website expansion, with a **ML stack** to **classify** and automatically **tag** stories.

January 2020 – present
Los Angeles

Amazon Web Services, SDE Intern, Redshift

- Developed a snapshot inspector, an offline tool that leveraged **parallelized distributed processing** in order to verify and validate database backups in S3, reducing **hours** of manual debugging to **seconds** of running a CLI tool.

May 2020 – August 2020
Palo Alto

Aikaan Labs

Network Analytics Engineer

- **Designed** and **built** a **machine learning** system that employed **information theory** and **neural nets** to predict edge network behavior
- **Automated** the machine learning stack, leading to a **3300% increase in prediction efficiency**
- Developed **SQL parsers** and telemetry collectors in **Go**

July 2018 – June 2019
Bengaluru

Machine Learning Intern

- Used the ELK stack to poll network data and used **Tensorflow** and **fuzzy logic** to classify network congestion levels

January 2018 – June 2018
Bengaluru

EDUCATION

University of Southern California,

Master of Science in Computer Science (Data Science)

- **Societies:** ACM
- **Courses:** Foundations of AI, Machine Learning, Applied Machine Learning for Games, Analysis of Algorithms
- **GPA:** 3.575/4

August 2019 – June 2021
Los Angeles

REVA University,

Bachelor of Technology, Computer Science and Engineering

- **Co-Founder** of **GLUG-REVA**, a forum for FOSS
- **Courses:** Robotics and Automation, Big Data and Hadoop
- **GPA:** 3.76/4

August 2014 – May 2018
Bengaluru

PROJECTS

Torque Transfer, Distributed, headless RL environments ☑

January 2020 – May 2020

Tensor Cortex, Tensorflow distributed over dockers ☑

July 2020

Blackjack Bot, Go-based AI that uses RL to strategize blackjack ☑

January 2020

Halma Hussar, C++-based AI that plays checkers ☑

October 2019

SKILLS

Python

● ● ● ● ●

Tensorflow, Pytorch, Pandas, Django, Flask

C/C++

● ● ● ● ●

APXS, STL

Javascript

● ● ● ● ●

React, Node

Go

● ● ● ● ●

mux, http, gorgonia