

KAUSHAL RAMESH

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◦ DETAILS ◦

Santa Cruz
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◦ SKILLS ◦

Data Visualization

Python & Java

Machine Learning

HTML & CSS & JavaScript

Bass Guitarist

◦ LANGUAGES ◦

English

Tamil

French

• PROFILE

Hey! I'm Kaushal Ramesh, and I am currently an Undergraduate Student at University of California, at Santa Cruz. I enjoy coding full-stack projects and implementing my hobbies into them, such as basketball, music streaming and production, and online games.

• WORK EXPERIENCE

Machine Learning Intern at DeepSphere.AI, Pleasanton

June 2021 — August 2021

- Created Machine Learning Use Cases w/ Python APIs, including Linear and Exponential regression that tailored real-world data
- Created Practice Problems for Machine Learning based curricula
- Worked extensively with Google Colab and Python

Computer Science Intern at Cisco Systems, Inc., San Jose

July 2021 — August 2021

- In-depth use of InfluxDB, a time-series, cloud-based, data visualization tool
- Implemented with Python Modules and APIs in order to send in live data and present a clear and concise dashboard
- Worked on both Back-end and Front-end aspects; organized databases and created the dashboards

• EDUCATION

Computer Science B.S., University of California, Santa Cruz, Santa Cruz

September 2022 — Present

High School Diploma, Amador Valley High School, Pleasanton

August 2018 — May 2022

★ PROJECTS

Spotify Downloader

- One of my favorite projects I worked on was a music downloader
- Using python and spotDL APIs as well as tkinter for a GUI, I was able to make an application that dynamically downloads music in an mp3 file.
- We can download it from all the major sources, ie YouTube links, Spotify playlist links, or SoundCloud link

Fire Tracker

- Built this project for Digitize II Hackathon and won 1st place
- It uses Arduino and C++ in order to track fires and sends the data to a website
- We made a basic website using HTML and CSS that displays the fire tracking data it collects, which includes the time of fire, the location, and the intensity of the fire.

★ CERTIFICATIONS

AWS Certified Solutions Architect – Associate

December 2022 — December 2025

- Link to Certification: <https://tinyurl.com/3vtn9sp>

★ SOCIALS

Linkden - www.linkedin.com/in/kaushal-ramesh

Github - <https://github.com/kooshr/>