

# Sriram Karthik Akella

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[Portfolio Site](#) || [Github](#) || [Linkedin](#)

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## TECHNICAL SKILLS

Programming Languages: Python, C, Java, HTML, CSS, JavaScript, Assembly  
SDKs: Flutter  
Databases: MySQL, MongoDB  
Other Technologies: Git, APIs, Firebase, Android Studio, Xcode

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## EDUCATION

### University of Alberta

Bachelor of Science in Computing Science

Edmonton, AB, Canada  
Sept. 2020 to June 2024 (expected)

- Member, Google DSC
- Member, Undergraduate AI Society

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## WORK EXPERIENCE

### University of Alberta

Teaching Assistant

Edmonton, AB, Canada  
January 2022 - Present

- CMPUT 175: Introduction to Foundations of Computing II
- Conducted lab sessions every week and assisted students in one on one and small group setting
- Assisted teaching staff in preparing the classroom and lesson plans.

### University of Alberta Students' Union

Academic Tutor

Edmonton, AB, Canada  
November 2021 - Present

- Tutoring students in CMPUT, MATH & STAT classes.

### Kuwait Oil Company

Information Technology Intern

Al Ahmadi, Kuwait  
July 2019 to August 2019

- Received practical knowledge on Database and Server Hardware, Cloud Computing, Operating Systems & Computer Networks
- Assisted at the Service Desk of the IT Department of to help employees troubleshoot their issues

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## SELECTED PROJECTS

### COVID Tracker

February 2021

- Developed a web based application to give a count of daily COVID cases in various countries.
- Used Python: Flask, urllib
- API used for this project was: <https://api.covid19api.com/summary>

View project on Github [here](#).

### Qify

July 2020

- Developed a mobile application (using Flutter & Firebase) to ease the queuing system at hospitals
- Includes appointment (scheduling, rescheduling, deleting) and video call features.
- This application was developed as part of Kuwait Foundation of Advanced Sciences (KFAS)'s Virtual Hackathon.
- As Team MacBytes, we stood in the top 5 teams (out of 40+ who were selected to participate) to the final round.

View project on Github [here](#).

### **To Do List Application**

June 2020

- A To-do List application to keep track of the user's tasks.
- Simple and elegant design.
- This application is designed to work on both Android & iOS as it has been developed using Flutter.

View project on Github [here](#)

### **Smart Weather App**

April 2020

- Displays the weather of a city (inputted by the user).
- Uses an open source API from openweathermap.org
- This application was made using Java.

View project on Github [here](#)

### **Bank Management System**

July 2019

- A python menu driven program that runs the tasks of a bank (Creating account, depositing and withdrawing money, closing account, etc)
- Initially made to store data on MySQL Database

View project on Github [here](#)

### **Smart Eye**

February 2018

- Used Machine Learning and Artificial Intelligence to develop an assistive device for the visually impaired people, called 'The Smart Eye' which can reduce their dependence on others in terms of mobility
- Detects and recognizes objects in the field of view of the user. Uses CloudSight API for image recognition
- Received accolades on national level for this project's prototype and invited to participate at World Makerfaire, Bay Area.  
More info. available [here](#)