# SRIRAM KARTHIK AKELLA

Edmonton, Canada

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## PROFILE

I am currently enrolled in the **Science Internship Program (co-op)** at my university, which allows me to work full-time for 4, 8, 12 or 16 months. The classes I have taken and the projects I have worked on cover a realm of Computer Science fields, from App Development and Web Development to Databases and Machine Learning & Artificial Intelligence. Now, I am looking forward to gaining practical experience where I can apply the Computer Science knowledge I have gained to a real-world application.

## EMPLOYMENT HISTORY

❖ **Undergraduate Teaching Assistant, University of Alberta** ............................... Jan 2022 — Jun 2022

Edmonton, Canada

TAing CMPUT 175 - Introduction to the Foundations of Computation II.
- Conducted lab sessions every week and assisted students in one on one and small group setting.
- Assisted teaching staff in designing the course.

❖ **Academic Tutor, UAlberta Student Union** ............................................... Nov 2021

Edmonton, Canada

Tutoring students in CMPUT, MATH & STAT classes.

❖ **Information Technology Intern, Kuwait Oil Company** .................................. Jul 2019 — Aug 2019

Al Ahmadi, Kuwait

I have worked as an IT Intern at Kuwait Oil Company receiving practical knowledge on Database and Server Hardware, Cloud Computing, ITIL and ISO Standards, Operating Systems & Computer Networks. For a term of one week, I had also assisted at the Service Desk of the IT Department of Diyar United Company to help clients by troubleshooting their IT-related issues.

## EDUCATION

❖ **University of Alberta** ............................................................... Sep 2020 — 2024

*Bachelor of Science*

Edmonton, Canada

Specialization in Computing Science

## SKILLS

| | |
|---|---|
| Agile Methodology | Dart |
| Git | SQL |
| Python | Microsoft Office |
| Java | Flutter |

## SELECTED PROJECTS

### ❖ The Smart Eye ........................................................................................ 2019

Created an assistive device for the visually impaired people called 'The Smart Eye' which can reduce their dependence on others in terms of mobility. The device uses ML & AI to detect and recognize objects in the field of view of the user.

### ❖ Qify Virtual Clinic - KFAS Virtual Hackathon ....................................... 2020

Created a 'virtual clinic' mobile application for Android and iOS (using Flutter and Firebase) for our participation in the KFAS & CODED Virtual Hackathon - Emergency Resilience.

The main goal of the project was to eliminate the pressure created on medical systems during the COVID-19 pandemic by creating digital queues for consulting the doctor. This would help in resolving the mild cases over a video call and bringing serious ones to the hospital.

## COURSES

### ❖ Crash Course on Python ....................................................... Oct 2020
*Google*

### ❖ Python Data Structures ....................................................... Nov 2020
*University of Michigan*

### ❖ Abacus Graduate ................................................. Jul 2009 — Jul 2014
*UCMAS*

### ❖ Web Designing & Photoshop ............................................... Jun 2016
*Softworld*

## CLUBS

### ❖ Undergraduate Association of Computing Science ............... Jan 2022 — Present
Edmonton, Canada

Junior Representative

### ❖ Google Developer Student Club .................................... Apr 2021 — Present
Edmonton, Canada

Campus Member

## REFERENCES

### ❖ References available upon request .......................................................