

# Sriram Karthik Akella

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## LINKS

[Portfolio](#), [Linkedin](#), [Github](#)

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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. My main interest lies in the field of Software Development and I am looking forward to getting this experience in my next co-op term. I believe that I have the ability to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

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## EMPLOYMENT HISTORY

Jan 2023 — Present	<b>Network Analyst Student, City of Edmonton</b> <div>Edmonton, Canada</div> <p>I am currently doing a co-op term at the City of Edmonton's Network Enterprise Team. My main role in the team is to automate networking operations. I also assist the team in analyzing network requirements and configuring computer hardware and software for optimal network communication.</p>
Jan 2022 — Jun 2022	<b>Undergraduate Teaching Assistant, University of Alberta</b> <div>Edmonton, Canada</div> <p>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.</p>
Nov 2021	<b>Academic Tutor, UAlberta Student Union</b> <div>Edmonton, Canada</div> <p>Tutoring students in CMPUT, MATH &amp; STAT classes.</p>
Jul 2019 — Aug 2019	<b>Information Technology Intern, Kuwait Oil Company</b> <div>Al Ahmadi, Kuwait</div> <p>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 &amp; 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.</p>

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## EDUCATION

Sep 2020 — 2024	<b>Bachelor of Science, University of Alberta</b> <div>Edmonton, Canada</div> <p>Specialization in Computing Science</p>
Jan 2023	<b>Specialization in Algorithms, Stanford University</b> <div>Remote</div> <p>Studied the fundamental principles of algorithm design.</p>

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## SELECTED PROJECTS

2020	<b>Qify Virtual Clinic - KFAS Virtual Hackathon</b> <p>Created a 'virtual clinic' mobile application for Android and iOS (using Flutter and Firebase) for our participation in the KFAS &amp; 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.</p> <p>View project here: <a href="#">Github</a></p>
2019	<b>The Smart Eye</b> <p>Developed a device for the visually impaired people called 'The Smart Eye' which can reduce their dependence on others in terms of mobility. The device uses Machine Learning &amp; Artificial Intelligence to detect and recognize objects in the field of view of the user.</p>