

# Mohan Kumar Sriram

[mohanksriram@gmail.com](mailto:mohanksriram@gmail.com) | [mohankumarsriram.github.io](https://mohankumarsriram.github.io)

## EDUCATION

---

### The University of Texas at Austin

*Master of Science in Computer Science*

Austin, TX

2020 – Present

### BMS College of Engineering

*Bachelor of Engineering in Electronics and Communication*

Bengaluru, IND

2012 – 2016

## SELECTED COURSEWORK

---

Parallel Systems, Advanced Operating Systems, Convex Optimization, Reinforcement Learning

## EXPERIENCE

---

### Research Software Engineer

*CynLr*

January 2020 – Present

*Bengaluru, India*

- Responsible for the design and architecture of perception pipeline for rigid object manipulation.
- Developed a library containing optimized proprietary computer vision algorithms supporting high throughput (GPU) and low latency (CPU) hardware.

### Software Consultant

*Independent*

July 2019 – December 2019

*Bengaluru, India*

- Built a 3D scan assembler to generate point clouds using a rotating 2D LIDAR.
- End-to-end training and inference pipeline to detect and localize tyre defects for the third largest tyre manufacturer in India.

### Chief Technology Officer

*Neospec Labs*

July 2018 – June 2019

*Bengaluru, India*

- Designed and implemented a medical device to predict the incidence of jaundice in neonates with sub-second inference time leveraging neural networks.

### Software Engineer

*Sling Media*

June 2016 – June 2018

*Bengaluru, India*

- Ideated and implemented a multiple platform live streaming client interface for a portable media streaming product (SlingStudio) which accounted for more than 60% of the user session lengths.

## TECHNICAL SKILLS

---

**Languages:** C, C++, CUDA, Python

**Frameworks:** ROS, React

**Libraries:** Pytorch, OpenCV