Mohan Kumar Sriram

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EDUCATION

The University of Texas at Austin   Austin, TX
Master of Science in Computer Science   *2020 – Present*

BMS College of Engineering   Bengaluru, IND
Bachelor of Engineering in Electronics and Communication   *2012 – 2016*

EXPERIENCE

Research Software Engineer   January 2020 – Present
CynLr   *Bengaluru, India*
- Responsible for the design and architecture of perception pipeline for rigid object manipulation.
- Developed a library containing optimized computer vision algorithms supporting high throughput and low latency hardware.

Software Consultant   July 2019 – December 2019
Indpendent   *Bengaluru, India*
- Built a scan assembler to generate 3D point clouds using a 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   July 2018 – June 2019
Neospec Labs   *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   June 2016 – June 2018
Sling Media   *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