

Contact Information	Sundar Anand +91 91761 27866 Email: sundaranand1998@gmail.com	
Education	Vellore Institute of Technology , Chennai Bachelor of Technology (Electronics and Computer Engineering)	GPA: 8.83/10
Work Experience	Data Analyst, Ensemble Energy Research Internship, National University of Singapore	Jan 2020 - Present May 2019 – July 2019
Journal Publications	<p>Karthik, R., M. Hariharan, Sundar Anand, Priyanka Mathikshara, Annie Johnson, and R. Menaka. "Attention embedded residual CNN for disease detection in tomato leaves." <i>Applied Soft Computing</i> 86 (2020): 105933. (Impact factor: 5.472) (https://www.sciencedirect.com/science/article/pii/S1568494619307148?dgcid=coauthor)</p> <p>Computer Methods and Programs in Biomedicine - Elsevier Journal 2020 (Impact factor: 3.632) Paper Title: Neuroimaging and Deep Learning for Brain Stroke Detection - A Review of Latest Advancements and Future Prospects</p> <p>Biomedical Engineering Letters – Springer Journal 2020 (Impact factor: 1.6) Paper Title: Performance Evaluation of Deep Learning Models for COVID Detection from CT images Status: Under Review</p> <p>IEEE Communication Letters Paper Title: Multi-Path Based Privacy Leakage Avoidance Framework for IP Cameras Status: Under Review</p>	
Conference Publications	<p>Anand, Sundar, et al. "Real-time GPS tracking using serverless architecture and ARM processor." 2019 11th International Conference on Communication Systems & Networks (COMSNETS). IEEE, 2019. (https://ieeexplore.ieee.org/abstract/document/8711273)</p> <p>Anand, Sundar, et al. "Low Power Real Time GPS Tracking Enabled with RTOS and Serverless Architecture." 2019 IEEE 4th International Conference on Computer and Communication Systems (ICCCS). IEEE, 2019. (https://ieeexplore.ieee.org/abstract/document/8821738)</p> <p>Anand, Sundar, and T. Jayavignesh. "An Efficient Mask Reduction Strategy to Optimize Storage and Computational Complexity in Routing Table Lookups." 2019 IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT). IEEE, 2019. (https://ieeexplore.ieee.org/abstract/document/8868972)</p> <p>Anand, Sundar, et al. "Image-Based Smart Surveillance and Remote Door Lock Switching System for Homes" 2019 Elsevier INTERNATIONAL CONFERENCE ON RECENT TRENDS IN ADVANCED COMPUTING 2019, ICRTAC 2019 (https://www.sciencedirect.com/science/article/pii/S1877050920300648?via%3Dihub)</p> <p>The Second International Conference on Advances in Electrical and Computer Technologies Paper Title: Facial Expression Image Analysis to Classify High and Low Level Autism Spectrum Disordered Kids using Attention Mechanism Embedded Deep Learning Technique Status: Accepted and yet to be published</p>	

Awards and Honors	Organizer, COMSNETS (Flagship Conference of India) I was selected to organize and attend the flagship conference of the country, India, in the field of Networks - ComsNets (Communication Networks). I was one among the chosen 12 students around the globe to attend the conference ComNets with full scholarship from logistics to food and stay	2019
	Winner of Hackathon, ACM Student Chapter & Mozilla Won the first place at Hackathon conducted by Mozilla and ACM student chapter for building an automated smart security system and a criminal tracking system for the private and public sector.	2018
	Winner of Mech-A-Tron-A-Thon, Valeo Won the Mech-A-Tron-A-Thon for building an AI enabled cooling technology for high voltage conversion (58V to 42V)	2018
	Winner of HackHub, IEEE Won 3 rd place at Hackhub hackathon by designing a Machine Learning model to predict and alert public on Earthquakes	2019
	Best project award, Vellore Institute of Technology Won the best project award for developing a GPS system with serverless and microservices architecture	2019
	Program Representative, Vellore Institute of Technology Appointed as the program representative for Electronics and Computer Engineering.	2018 - 2019
	Teaching Assistant, Vellore Institute of Technology Teaching Assistant – Data Structures and Algorithms	2018
	Organizer of the Signature event, Vellore Institute of Technology NFS AQUA - Participants are supposed to make their own RC boat and race it against unforgiving barriers.	2019
Hobby Projects	Airborne (Gesture based cognitive system), 2019 See more at: https://www.sundaranand.com/airborne	
	Multi-Path Enabled Privacy Breach Mitigation for IP Cameras, 2019 See more at: https://www.sundaranand.com/national-university-of-singapore	
	ASD intensity level prediction using micro-expressions, 2019 See more at: https://www.sundaranand.com/micro-expression-image-analysis	
	Networking Smart Security, 2018 See more at: https://www.sundaranand.com/networking-smart-security	
	SmarTrack (GPS Tracker), 2017 See more at: https://www.sundaranand.com/smartrack	
	Efficient Routing Table for Network Packet Transfer, 2018 See more at: https://www.sundaranand.com/efficient-routing-table	
	Infestation Detector for plant leaves, 2019 See more at: https://www.sundaranand.com/infestation-detector	
	Automated Car Pooling System, 2018 See more at: https://www.sundaranand.com/shlight-smart-headlight	
	"Let's offer solutions that raise our life above the expected"	