Name:	**SIDDARTH ASOKAN**
Date of Birth:	3 May 1995
Address:	21, 3rd Main, 2nd Cross, MSH Layout 2nd Stage,
	Anandnagar, Bangalore - 560024, Karnataka, India
Contact Details:	Phone-Mobile: +91 98808-90383;
	E-mail: siddarth.asokan@gmail.com, siddartha@iisc.ac.in

Education:

Doctor of Philosophy (Ph.D.)   (August 2017 - Present)
Department: Robert Bosch Centre for Cyber Physical Systems
Institution: Indian Institute of Science, Bangalore (IISc)
Primary Advisor: Prof. Chandra Sekhar Seelamantula
Topic: Theoretical Analysis of Generative Adversarial Networks with Applications to Computer Vision
CGPA: 9.8/10 (up to qualifier examination, July 2019)

Bachelor of Engineering (B.E.)   (August 2013 - June 2017)
Major: Electronics and Communication Engineering
University: Visvesvaraya Technological University (VTU), Karnataka
Institution: M.S. Ramaiah Institute of Technology, Bangalore
CGPA: 9.96 / 10

Pre-University   (June 2011 - May 2013)
Major: Science; Electronics (PCME)
Board: Karnataka Pre-University Board
Institution: M.E.S. P.U College of Arts, Commerce and Science, Bangalore
Percentage: 97%

10th Grade   (May 2011)
Board: Karnataka Secondary Education Examination Board
Institution: Poorna Prajna Education Centre High School, Bangalore
Percentage: 97.76%

Projects:

Robert Bosch Centre for Cyber Physical Systems, IISc, Bangalore
Image Processing and Networking for Smart City Applications
     UNDER: Dr. Abhay Sharma, RBCCPS, IISc, Bangalore
                    (June 2016 - May 2017)
     The project dealt with the setting up of a mobile ad-hoc network of cameras and Raspberry Pi nodes, with subsequent testing the network capabilities, and acquiring the video feed to analyze it for applications such as object/person tracking, vehicle tracking and parking detection.

Publications:

Asokan, S. and Seelamantula, C. S. *"Teaching a GAN what not to Learn."* In Advances in Neural Information Processing Systems (NeurIPS), 2020

Awards and Honors:

Qualcomm Innovation Fellowship 2021   (July 2021)
Robert Bosch Centre for Cyber-Physical Systems
-   Ph.D. Fellowship   (July 2020 – June 2021); (Oct 2021 – June 2022)
Qualcomm Innovation Fellowship 2019   (July 2019)
Microsoft Research (MSR) Fellowship   (July 2018)
Gold Medal (for Highest CGPA in B.E.)   (August 2017)

Technical Skills:

Operating Systems: Linux (Fedora/Raspbian/Ubuntu); Mac OS X;
Windows NT;
High-level languages: C, C++, Python, JavaScript
Scripting languages: HTML5, CSS
Deep Learning Libraries: Theano, Keras, Tensorflow (1.x and 2.x)

Relevant Courses:

1) Digital Image Processing
2) Advanced Image Processing
3) Dynamics of Linear Systems
4) Pattern Recognition and Neural Networks
5) Machine Learning for Signal Processing
6) Reinforcement Learning
7) Autonomous Navigation
8) Topics in Stochastic Approximation Algorithms