

Abdul Fatir Ansari

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Interests	Generative models, interpretability, Bayesian deep learning, computer vision, causal learning.	
Education	National University of Singapore <i>Ph.D. in Computer Science</i> Advised by Prof. Harold Soh	2017 - 2021 (expected)
	Indian Institute of Technology, Roorkee <i>B.Tech. in Civil Engineering</i>	2013 - 2017
Internships	Google Summer of Code 2017 <i>Mentored by Prof. Tomas Helikar</i> <i>Computational Biology @ University of Nebraska-Lincoln</i> Mobile Based Blood Analysis (iOS): Fine-tuned the algorithm from the previous iteration of GSoC and ported it to iOS.	Summer 2017
	Google Summer of Code 2016 <i>Mentored by Prof. Tomas Helikar</i> <i>Computational Biology @ University of Nebraska-Lincoln</i> Mobile Based Blood Analysis (Android): Developed an algorithm and an Android app to estimate concentration of biomarkers in blood using blood sample images.	Summer 2016
	MapmyIndia, New Delhi <i>With Vikas Ranga and Rohan Verma</i> Developed tools for privacy protection in street view images and traffic sign recognition.	Summer 2016
	Sanibridge Inc, Omaha, Nebraska (remote) <i>With Prof. Tomas Helikar</i> Worked on the full stack development of an Android health app which lets the user track various health indicators such as glucose, cholesterol, calories, etc.	Winter 2015, Spring 2016
Scholarships	NUS PhD Research Scholarship Merit-cum-Means Scholarship (Ministry of Minority Affairs, India)	2017-21 2013-17
Journal Articles	[2] Exercise Classification and Event Segmentation in Hammersmith Infant Neurological Examination Videos A. F. Ansari, P. P. Roy, D. P. Dogra <i>Machine Vision and Applications</i> , 2018.	
Conference Papers	[1] Hyperprior Induced Unsupervised Disentanglement of Latent Representations A. F. Ansari, H. Soh <i>AAAI Conference on Artificial Intelligence (AAAI)</i> , 2019, <i>Spotlight</i> .	

