Personal Statement

September 16, 2021

My name is Sarosij Bose ([LinkedIn profile](#)) and I am currently an undergraduate pursuing my BTech in Computer Science and Engineering (CSE) from University of Calcutta, India. My major GPA is currently 8.86/10.

I was very intrigued by your research when I went through [n-HAR](#) 's paper on Human Action Recognition especially in a low latency edge scenario. I have been myself working on this topic (specifically Human Activity Recognition) for almost a year now (here is the [code](#), paper currently under review). On further going through VCL's recent projects, I realized that your lab's interests greatly match with my line of work as well.

 A research internship position at your lab would profoundly help me further expand my knowledge about building state-of-the art architectures pertaining to video understanding and simultaneously contribute to the best of my abilities to your lab. I also intend to pursue graduate studies on this domain and explore it's real-time applications.

I am well versed in Deep learning frameworks (Pytorch, Tensorflow and Keras), Python as well as edge technologies like TensorRT, drawing inference on platforms like OpenVINO etc. I have completed a summer internship at Indian Institute of Science (IISc), contributed to a summer open source programme, won various ML competitions (including one at IIT Kgp) and also built a couple of projects all pertaining to computer vision.

I first became came across your website on going through Prof. Junsong Yuan's publications in this domain. Since I had been following his contributions in this domain for quite some time, and saw so much match in his interests and yours, I am really looking forward to having an opportunity to work in your lab and learn more about video analytics.