

डॉ. आर. बालासुब्रामन्यन

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LETTER OF RECOMMENDATION

Harshit Bansal is currently a third year undergraduate student from Department of Electronics and Communication Engineering, Indian Institute of Technology Roorkee. I have known him, both as a mentor and a teacher. I taught him the subject Fundamentals of Object Oriented Programming (CSN-103) during the autumn session of 2016-17, in which his performance was quite good with a grade point of 9.0 out of 10. Also, his academic performance has been commendable in the last two years.

I also supervised him during his summer internship at Machine Vision Lab, Department of Computer Science and Engineering, from May 2018 to June 2018. During the internship, he implemented the project titled Image Colorization using GANs with PyTorch. The project involved a generalized colorization procedure for low resolution images. For this, he adapted a loss function to stabilise the color and intensity fluctuations in generated images. During this period, he was diligent and enthusiastic to do his best on the project. He also demonstrated good coding and communication skills.

He is well organized and has the capacity for delivering projects in a time bound manner. The aspired internship will help him to get more practical experience and provide an opportunity to get exposure to new technologies and research environment.

Based on my experience, I strongly recommend Harshit Bansal for your Research Internship.

Associate Professor

Department of Computer Science and Engineering

Indian Institute of Technology Roorkee