Peter J. Stuckey
Professor, Faculty of Information Technology
Monash University
Melbourne, Australia

Sep 9th, 2019

To whom it may concern,

I am writing this letter of reference for

Rishabh Ramteke.

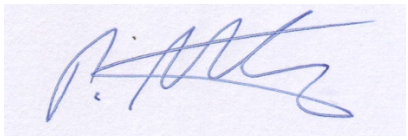
I met Rishabh Ramteke in May 2019 when he visited our joint research group looking at the combination of optimization and machine learning with members from Monash University, Royal Melbourne Institute of Technology and the University of Melbourne. Rishabh joined us as a summer intern from IIT Mumbai for a 4 month period.

I was highly impressed by Rishabh's knowledge of computer science and independence and drive. Rishabh was immediately involved in the group and was the main technical driver of a research idea which has recently culminated in a submission to AAAI, one of the leading conferences in computer science. This is a great result for a student at his stage in his studies.

Over my long career I have supervised many students, I would rate Rishabh in the top 10% of students at Masters level (here I am treating him as a Masters student even though he is an undergraduate, since the project was more similar to a Masters project).

Rishabh's internship with us was highly successful, he demonstrated a strong dedication to pursue the research we assigned him, highly capable technical skills in computer science, and an ability to communicate well with the team both orally and in writing. In summary, I highly recommend him as an intern.

Yours sincerely,



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15 August 2020

To Whom It May Concern:

Mr. Rishabh Ramteke did a remote/virtual research internship in my lab between May and August, 2020. His project was to investigate how transfer learning used for object recognition could be employed to allow a mobile robot (the Cozmo robot) with a low-resolution camera to learn to identify objects from a small number of samples.

Mr. Ramteke' prior knowledge of TensorFlow and experience with convolutional networks allowed him to get up to speed quickly even though my lab uses PyTorch, which he quickly mastered.

By the conclusion of the project he was able to show that use of an extensive set of transforms could allow reasonable recognition rates for two-dimensional patterns (Disney stickers) seen from half a dozen viewing angles, but not from a single image. This will enable a future student in my lab to develop code to drive the robot around in order to acquire the types of images we now know we need.

I was pleased with Mr. Ramteke's work and would be happy to welcome him back to my lab in the future.

Sincerely,

David S. Touretzky
Research Professor of Computer Science

प्रायोगिक सूक्ष्मतरंग इलेक्ट्रॉनिक्स अभियांत्रिकी तथा अनुसंधान संस्था (समीर)
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Society for Applied Microwave Electronics Engineering and Research (SAMEER)
(R & D Lab of Dept. of Information Technology, Ministry of Communications and Information Technology, Govt. of India)

To whom it may concern

This is to certify that Mr. Rishabh Ramteke, student of B.E. Electrical from IIT-Bombay, had practical training as an undergraduate Research in our organisation from 10th March 2019 to 20th May, 2019.

His major contribution was in 'Implementation of GRAPPA algorithm on Xilinx FPGA Zynq chip for MRI image reconstruction' which involved C & MATLAB code, reconstruction & analysis of k-space data from magnetic resonance imaging data streams.

We found him intelligent, diligent and hardworking. He possesses professional research skills.

We recommend him as an intern for his further research work.

16 Oct 2019

Prof. V. M. Gadre
Department of Electrical Engineering
I.I.T. Bombay

Dharmesh Verma
Scientist, S.A.M.E.E.R.

SAMEER

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