

Stephen V. Faraone, Ph.D.  
Distinguished Professor of Psychiatry and  
of Neuroscience and Physiology  
Director of Research, Department of Psychiatry  
750 East Adams St., Syracuse NY, 13210  
Tel: 315-464-3113; Fax: 315-464-3163



October 16, 2017

Dear Admissions Committee:

I am pleased to write this letter of support for Vivek Chalumuri's application to graduate studies at your University. I have known Vivek for about six months subsequent to hiring him through Upwork to fix and write TensorFlow programs for two of my machine learning projects. My previous programmer quit unexpectedly, leaving me with an unfinished TensorFlow project, which required a multilayer perceptron model that could be optimized with hyperopt. Vivek was able to quickly understand the nature of the project and what was needed to finish and optimize the program. For the second project, he wrote the programming for a recurrent neural network that I could apply to a longitudinal clinical data set. For both projects, I have been very pleased with the quality and speed of Vivek's work. Both projects have required Vivek to interact with me, another faculty member and a PhD student. He has done so in a professional and effective manner.

For these reasons, Vivek has my highest recommendation. Indeed, I will continue to work with him on my current project and on future machine learning projects. I expect he will do well in your Masters program and in his future career in computer science. If you have any questions, do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Faraone".

Stephen V. Faraone, PhD

## Vivek Chalumuri

Freelance Machine Learning Engineer  
B.Tech | IIT Madras

Plot no. 90, TC layout  
Ring Road, Vizianagaram,  
Andhra Pradesh, India-535002  
+91 9789083945 | +91 7032495510  
ch.vivek92@gmail.com

Stephen V. Faraone, Ph.D.  
Distinguished Professor of Psychiatry and of  
Neuroscience & Physiology, SUNY Upstate Medical University  
750 East Adams St.  
Syracuse, NY 13210

Dear Professor Faraone:

I am writing to confirm that I will serve as a consultant to your grant proposal: "ADHD and Aging: Implications for Alzheimer's Disease and Related Dementias." I will help you design and program deep learning neural networks to achieve the aims of your proposal. This will be straightforward for me as I have extensive experience with Tensorflow and neural network consultation and tutoring. I understand that any program created by this proposal must be made freely available via GitHub.

Because we have been working together very efficiently for the past six months, I view our collaboration as highly feasible and likely to succeed.

Sincerely,  
Vivek

