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Hiring Committee
Department of Systems and Computer Engineering
Carleton University
Ottawa, ON, Canada

**Re: Dr. Faraj Lagum's Application for the Position of Instructor
I/II in Computer Science:**

Dear Members of the Hiring Committee:

It is truly a pleasure to write this letter to recommend and support Dr. Faraj Lagum's application for the current opening at the Instructor I/II level in Computer Science. I have known Dr. Lagum since he joined the Ph.D. program at Carleton University in 2013. Dr. Lagum has a rich background with both academic and industrial facets.

Prior to joining Carleton, Dr. Lagum had completed the BASc. and the MASc. degrees from the University of Benghazi, which is one of Libya's most prestigious universities. In the Ph.D. program, Dr. Lagum was supervised by Professor Halim Yanikomeroglu, who is a lead researcher of international caliber. During this program, Dr. Lagum worked on several advanced topics in wireless communications and his findings were published in top *IEEE* journal venues, with an impressive Google Scholar record of 1100+ citations. After completing the Ph.D. program, Dr. Lagum worked as a postdoctoral fellow working mainly on applied machine learning techniques. Further to his academic activities, Dr. Lagum appears to have an outstanding ability to impart knowledge and to deliver tutorials and lab sessions. For instance, during his time with the University of Benghazi in Libya, Dr. Lagum as an instructor for several hard-core engineering courses, including communication and electromagnetics. He was also a mentor for many students during their undergraduate program. At Carleton, Dr. Lagum worked as a teaching assistant for six distinct courses.



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In addition to his academic experience, Dr. Lagum has had extensive exposure to the industrial arena. In Libya, he was a project manager with the Libyana Mobile company. In the US, we worked as a Machine Learning Engineer with Levadata Inc., in San Jose, California. In Canada, he has been working as a Machine Learning Engineer for Gnowit & SupplyRiskAI (full time) and as a Tech Advisor for Vosyn. This industrial experience strengthened Dr. Lagum's background in mathematics and computer engineering. It gave him hands-on experience, which is quite rare among academics and an invaluable asset for a professor to have in the classroom.

Dr. Lagum's rich background is supported by a wide range of skills which span programming in more than 10 computer languages, analyzing and building machine learning and artificial intelligence models, building and analyzing of database oracles. His research papers reflect strong understanding of system design, data structures and algorithms. He is particularly strong in designing and analyzing combinatorial optimization algorithms.

Dr. Lagum is a down-to-earth scientist who is capable yet humble, approachable and pleasant to interact with. I am extremely confident that he will be inspirational to his students and he will enthuse them with knowledge and insights. I strongly recommend him for the current position and I truly believe that his contributions to the Department, will resonate both within and beyond. Finding a better candidate to the fill position is not impossible, but rather unlikely.

I would be glad and honoured to provide any additional information in relation to Dr. Lagum's application.

Yours sincerely,

Ramy H. Gohary, Ph.D., LEL
Associate Professor