Hiring Committee

The School of Computer Science

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:

I wholeheartedly recommend Dr. Faraj Lagum for Instructor I/II in Computer Science. I supervised Dr. Lagum during his doctoral studies in electrical and computer engineering at Carleton University from 2013 to 2018.

Dr. Lagum is an outstanding researcher with a deep understanding of both theoretical and practical aspects of electrical and computer engineering. He consistently demonstrated a strong work ethic, intellectual curiosity, and a passion for advancing knowledge in science and engineering. His dissertation, titled "Stochastic Geometry-Based Tools for Spatial Modeling and Planning of Future Cellular Networks: Opportunistic Cell Switch-off and Strategic Deployment of Flying Base Stations," was a ground-breaking contribution to the field of wireless communication engineering, addressing critical challenges related to the ever-increasing-traffic-demand in modern cellular networks using innovative solutions. The examining committee members unanimously decided to nominate Dr. Lagum's dissertation for a Carleton University medal.

During his time in my research group, Dr. Lagum collaborated effectively with fellow students and postdoctoral fellows, published several high-impact IEEE journal articles, and presented his work at prestigious conferences. His publications collect over 1100 citations, attesting to their relevance and impact. Dr. Lagum actively participated in department seminars, workshops, and interdisciplinary discussions, showcasing his commitment to lifelong learning.

Beyond research, Dr. Lagum possesses a remarkable talent for teaching. He already had four years of teaching experience at the University of Benghazi. Additionally, at Carleton University, he served as a teaching assistant for several challenging engineering courses. Dr. Lagum's ability to convey complex concepts and engage students is commendable. He mentored undergrad and postgraduate students while pursuing his Ph.D. His collaborative spirit and adaptability make him an asset to your school as a researcher and an instructor.

Moreover, Dr. Lagum's industrial exposure sets him apart. Dr. Lagum's proficiency extends to diverse areas, including Machine Learning, Natural Language Processing, Data Science, Software Engineering, Data Engineering, and Cloud Technologies. Notably, he excels in designing and analyzing cloud-native applications. Dr. Lagum's extensive industrial exposure and proficiency in various domains make his experience valuable for computer science students.

Dr. Lagum embodies the ideal blend of academic rigour and practical expertise. His grounded demeanour and his passion for teaching will undoubtedly inspire and empower students. I unequivocally endorse Dr. Lagum for the Instructor I/II position, and I am confident that his contributions will have a lasting impact. Dr. Lagum's appointment would be an asset to our institution.

Please do not hesitate to contact me if you require any further information.

Sincerely,

Halim Yanikomeroglu, Ph.D

Professor