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Hiring Committee of University of Doha
Department of Data Science and Artificial Intelligence

Dear Members of the Hiring Committee,

I am writing to express my interest in the faculty position in Data Science and Artificial Intelligence at the University of Doha. With more than 10 years of experience in teaching, research, and industry collaboration in the fields of data science and artificial intelligence, I am excited about the opportunity to contribute to your esteemed department.

I got my BA a Ph.D. degrees in 2001 and 2006 respectively both from Tsinghua University. I worked in NEC Labs. China as an associate researcher in the data science group from 2007 to 2009, and worked as a research scientist in Institute of Interdisciplinary Information Science (IIIS) of Tsinghua University from 2009 to 2015, which is a top-rank research institute in Tsinghua, headed by Turing Award winner Andrew Yao. In 2015, I entered Renmin University of China (another top university, rank 7 or 8 in China) as an associate professor, and worked till now.

My research focuses on visual spatial computing, spatial AI, and collaborative perception. I have published more than 120 papers in renowned journals and conferences. My work has been recognized for its important contribution to smart and autonomous systems. I won the First Prize for Technical Invention from the Maritime Society of the Ministry of Transportation in 2022.

I have supervised several Ph.D students and more than ten master students. Most of them have good academic achievements during graduate study. Two of my Ph.D students become assistant professors in top rank universities in Beijing, which align with the goals of the University of Doha.

I mainly teach three courses: 1) "Algorithm design and analysis honored class"; 2) "Robot Perception"; 3) "Optimization algorithm and application". I strive to inspire students by fostering an interactive learning environment and integrating real-world problems into the curriculum. I am eager to bring my experience to the University of Doha.

Thank you for considering my application. I am enthusiastic about the prospect of joining the University of Doha and contributing to its academic community. I look forward to the opportunity to discuss how my background and expertise align with the department's goals.

Sincerely,
Yongcai Wang.