

Miao Jin

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Dear Committee Members,

I am applying to renew my current Lockheed Martin Corporation Endowed Professorship in Computer Science/Computer Engineering II (BORSF) (12611). I received PhD degree of computer science in August 2008 from the State University of New York at Stony Brook. I am currently an associate professor in the Center for Advanced Computer Studies (CACCS) at the School of Computing and Informatics.

My research interests include geometric and topological algorithm design and their applications in broad engineering fields. Over the past three years (2016 ~ 2019), I have published one book, three peer-reviewed journal papers including IEEE TPDS and Encyclopedia of Wireless Networks, and three peer-reviewed conference papers including IEEE ICDCS and IEEE NCA. They are top-ranked journals and conferences. I have also several journal papers under revision or review. Additionally, I had two active NSF grant awards including one NSF Faculty Early Career Award during (2016 ~ 2019). I am also leading a \$2.7 million NSF/EPSCoR project that is currently under review.

With my sound research background, I am also active in teaching and advising. I have opened a new course CMPS 499/CSCE 572 Reinforcement Learning and Geometric Algorithms since Fall 2018, access to both graduate and undergraduate students. It is the first machine learning course offered in Louisiana to provide students with a solid introduction to the field of reinforcement learning, the forefront of artificial intelligence. I advise undergraduate students, master students with research projects in CSCE 590 course, and PhD students with research topics and dissertation in CSCE 619 and 699 courses.

I am an active Networking Networking Women (N2WOMEN) member and serve as N2WOMEN Mentor since 2012. I also serve as NSF Panelist, N2WOMEN Panelist, Associate Editor, and Program Committee Member for journal and many international conferences.

Enclosed please find my CV that contains the additional information on my qualification and electronic copies of publications from the last three years.

Thank you for your time and consideration.

Sincerely yours,

Miao Jin