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September 11, 2018

Dear Faculty Search Committee:

I am currently an Assistant Professor of the Computer Science Department at Florida State University. I achieved my PhD degree in Computer Science from University of Illinois at Chicago in June 2017, and my PhD advisor is Philip S. Yu. I am interested in applying for a tenure-track faculty position in your department.

My research interests include machine learning, deep learning, data mining and artificial intelligence. My research works focus on fusing multiple large-scale information sources of diverse varieties together, and carrying out synergistic machine learning and data mining tasks across these fused sources in one unified analytic. My thesis title is *Heterogeneous Information Network Fusion and Synergistic Knowledge Discovery*.

Currently, I have published 1 first-author textbook with Springer and more than 60 academic papers at top-tier conferences and journals (including IJCAI, KDD, ICDE, ICDM, ECML/PKDD, WSDM, SDM and TKDE, WWW Journal, KAIS). I also have more than 20 preprint papers which are under submission. The innovation and broader impacts of my research work have been recognized as: the *Best Student Paper Runner Up* award from ASONAM, and *FYAP* award from FSU.

I have submitted 6 research proposals to both NSF (including III, SaTC and BigData programs) and other funding sources, and 3 of them have been funded with me as the PI/sole-PI, whose total budget sums to \$1.72M (my current active share: \$550K). For the pending proposals, I have a share of 1.7M in the budget.

I direct the IFM Lab, which has 3 PhD student and 2 master student members. I have mentored 8 junior PhD students in their research works, which lead to more than 20 papers published at ICDM, WSDM, ECML/PKDD, CIKM, PAKDD, BIBM, ASONAM, and WWW journal. Two of the PhD students I mentored are employed as Assistant Professors in academia. I have also given frequent presentations and talks at universities, academic conferences and industrial research labs.

In addition to research, I also have a strong interest in teaching both graduate and undergraduate courses. I have taught the CIS 5930-0004: Social Network Mining (Graduate Course) in 2018 Spring and COP 4710-0001 Databases in 2018 Fall as the instructor. The student evaluation score for course CIS 5930-0004 in the Spring semester is 4.55/5.0.

Enclosed please find my application materials, including curriculum vitae, statement of research and teaching interests. Electronic copies of my application materials are available at my group page: <http://www.ifmlab.org/employment.html>.

Thank you very much for your consideration!

Yours sincerely,

Jiawei Zhang