Long Gong

PERSONAL DETAILS

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EDUCATION

PhD, Computer Science   2015 - Now
Georgia Institute of Technology
   GPA: 4.0/4.0
   Advisor: Prof. Jim Xu
   Research Focus: Data Streaming, Network Algorithmics for Software Defined Networking

M.E., Communication and Information Systems   2012 - 2015
University of Science and Technology of China
   GPA: 3.81/4.3
   Advisor: Prof. Zuqing Zhu
   Research Focus: Elastic Optical Network, Network Virtualization

B.E., Electronic Information Engineering   2008 - 2012
University of Science and Technology of China
   GPA: 3.75/4.3

RESEARCH EXPERIENCE

Graduate Research Assistant   2015.8 - Now
Georgia Institute of Technology, Full-Time
   Mentor: Prof. Jim Xu
   Assist in designing a novel measurement algorithm which combines sampling and streaming to capture the major statistical properties of online social networking graphs, which improves the accuracy up to one magnitude.

Graduate Research Assistant   2012.9 - 2015.6
University of Science and Technology of China, Full-Time
   Mentor: Prof. Zuqing Zhu
   Design efficient virtual optical network embedding algorithms, which are among the earliest ones. Build a software defined networking (SDN) based network virtualization control-plane platform, which is among the earliest ones that support elastic optical network. (ICC 2013, GLOBECOM 2013)

Visiting Undergraduate Researcher   2012.2 - 2012.6
NanYang Technological University, Full-Time
   Mentor: Prof. Yonggang Wen
   Designed a novel virtual network embedding algorithm, which increases the network utilization and decreases the time complexity. (INFOCOM 2014)

HONORS AND AWARDS

- Best Paper Award, GLOBECOM 2013

- National Scholarship (for Master Students) 2013, awarded to top 5% students

SKILLS

Programming   C++, Python, Matlab, LaTeX, PHP, Javascript