

Long Gong

PERSONAL DETAILS

Address 266 Ferst Dr, Atlanta, GA 30332
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EDUCATION

PhD, Computer Science 2015 - Now

Georgia Institute of Technology

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

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

OBJECTIVE

Intern Scientist, Yahoo Labs (Summer 2016)

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, L^AT_EX, PHP, JAVASCRIPT