

# Long Gong

## PERSONAL DETAILS

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*Address*            266 Ferst Dr, Atlanta, GA 30332  
*Mail*                gonglong@gatech.edu

## EDUCATION

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**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

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**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

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

## SKILLS

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*Programming*    C++, PYTHON, MATLAB, L<sup>A</sup>T<sub>E</sub>X, PHP, JAVASCRIPT