

# Long Gong

## PERSONAL DETAILS

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*Address*            266 Ferst Dr, Atlanta, GA 30332  
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## EDUCATION

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**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

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Data & Applied Sciences (Engineering) Internship (Summer 2016)

## PROGRAMMING EXPERIENCE

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**Citation Management System** 2016.1  
*PHP (phpBibLib), JavaScript (jQuery, Ajax)*  
Develop a citation management system for academic blog writing in Jekyll based Github Pages, which makes citation almost as easy as in Latex.

**Big Graph Miner** 2015.8 - 2015.11  
*C++, Python*  
Design and implement a novel measurement algorithm which combines sampling and streaming to capture the major statistical properties of online social networking graphs. It improves the accuracy up to one magnitude.

**Network Virtualization Control-Plane Platform** 2014.12 - 2015.03  
*Python (Django, POX), JavaScript, Matlab*  
Design and develop a openflow-based network virtualization control-plane platform, which provides web-based GUI to help users to create, and manage their virtual networks.

## 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