

# Anke (Adrian) Li

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**INTERESTS** [Network Protocol]; [P2P Networks]; [NDN]; [SDN]; [Internet Measurement]; [Green Networks]

**EDUCATION** **Stony Brook University** (SUNY Stony Brook) SEPT 2014-present  
*PhD*, Computer Science, expected JULY 2019  
ADVISOR: Dr. Phillipa Gill

**Beijing University of Posts and Telecommunications** (BUPT) SEPT 2010-JULY 2014  
*B.Eng.*, Communication Engineering, JULY 2014  
MAJOR GPA: 89/100, OVERALL GPA: 86.2/100

**SKILLS**

- Programming: Java, C/C++, Assembly, Python, Verilog HDL, VHDL
- Software: Matlab, SVN, SSH, Wireshark, ISE, Quartus, Multisim, Protel
- Documentation:  $\text{\LaTeX}$ (familiar)
- Language: Chinese (native), English (fluent)

**EXPERIENCE** Traffic Differentiation @ STONY BROOK UNIVERSITY  
*Main researcher*, advised by Prof. Phillipa Gill SEPT 2014-JAN 2015  
**Abstract:** TODO  
**Contribution:** TODO

CCDN: Content-Centric Data Center Network @ TSINGHUA UNIVERSITY  
*Main researcher*, advised by Prof. Dan Li APR 2013-SEPT 2013  
**Abstract:** Today's approaches to increasing network capacity are mostly at the cost of more and faster switches/links. In CCDN, by combining location based forwarding with content based forwarding, we significantly promote the network performance without additional infrastructure.  
**Contribution:** Developed the prototype of CCDN router based on NetFPGA (completed the hardware part independently, writing over 1000 lines of Verilog code); set up the testbed, designed and conducted the experiments; assisted to modify software part (C), simulation scripts (Perl), and CCDN caching service program (Python).

Municipal Innovation Experiment Project @ BUPT  
*Programmer* MAY 2012-MAY 2013  
**Abstract:** Our group explored algorithm to convert two photographs taken in different angles into 3-dimension automatically.  
**Contribution:** Developed an application in Android to help user stably take photos and upload them to the server with angle and distance information recorded using the accelerometer.

**PUBLICATIONS** *CCDN: Content-Centric Data Center Network*,  
Ming Zhu, Dan Li, Fangxin Wang, **Anke Li**, K.K. Ramakrishnan, Ying Liu, Jianping Wu,

Nan Zhu, Xue Liu  
**submitted** to ACM/IEEE TRANSACTIONS ON NETWORKING

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<b>TESTS</b>	GRE®: 318 (Q: 168; V: 150); AW: 3.0	SEPT 2013
<b>AND</b>	TOEFL®: 112 (READING: 30; LISTENING: 29; SPEAKING: 24; WRITING: 29)	MAY 2013
<b>AWARDS</b>	The 3rd Student Scholarship, BUPT	SEPT 2013
	The 2nd Student Scholarship, BUPT	SEPT 2011
<b>HOBBIES</b>	Hardware, singing, basketball, swimming, sci-fi, bicycle, movie	