

LI QUAN

Gender

Male

Date of Birth

16/07/1995

Address

F518, New Main Building, Beihang University

Beijing 100191, P.R. China

Email

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**RESEARCH
INTEREST**

Blockchain, Information Theory and Coding Theory.

EDUCATION**Master of Engineering in Communication and Information System**

Beihang University, Beijing, China

GPA: 3.7/4.0 (90/100) Rank: 10/125

Expected Date of Graduation: February, 2020

Bachelor of Information Engineering

Beihang University, Beijing, China

GPA: 3.8/4.0 (88/100) Rank: 2/40

Date of Graduation: July, 2017

**RELATED
COURSES****Master Courses**

Cryptography and Network Security, 99/100

Digital signal processing, 93/100

Modern digital communication, 90.5/100

Distributed operating system, 91/100

Information theory, 5/5 (Lund University)

Bachelor Courses

University Physics for Engineering, 99/100

The Principles of Automatic Control, 98/100

Probability and Statistics, 90/100

Signal Analysis and Processing, 94/100

Discrete mathematics, 5/5 (Lund University)

PUBLICATIONS **Downsampling Blockchain Algorithm**

(with Qin Huang, Shengli Zhang and Zulin Wang),

(Conference paper) *IEEE International Conference on Computer Communications. INFOCOM 2019.*

Trimming Soft-Input Soft-Output Viterbi Algorithms

(with Qin Huang, Qiang Xiao, Zulin Wang and Shafei Wang),

IEEE Transactions on Communications, 64: 7 (2016).

Blind identification for Turbo codes in AMC systems

(with Ruilin Pei, Zulin Wang, and Qiang Xiao),

(Conference paper) *IEEE International Conference on Communication Software and Networks. ICCSN 2016.*

PATENTS	<p>Target localization method, device and electronic device based on querying (with Qin Huang and Shuai Wang), <i>Chinese Patent 201910071761.9</i>, filed March 8, 2019.</p> <p>Blockchain storage method and blockchain node (with Qin Huang and Zulin Wang), <i>Chinese Patent 201810804118.8</i>, filed July 20, 2018.</p>
EXCHANGE EXPERIENCE	<p>Research on reducing blockchain nodes data storage requirements using erasure codes, Technical University of Denmark Advisor: Professor Sren Forchhammer Kgs. Lyngby, Denmark From Aug. 2018 Scholarship offered by Beihang University</p> <p>Study on discrete mathematics and information theory, Lund University Teacher: Dr. Anna Torstensson and Associate Professor Stefan Höst Lund, Sweden From Jan. 2017 National full scholarship offered by China Scholarship Council</p>
HONORS	<p>The 2nd winner of the 2018 Blockchain True DApp Competition The 2nd winner of the Bytom Development Challenge Second Prize of the First Blockchain Innovation Competition Meritorious of the MCM/ICM 2016 Award of Outstanding Graduate, Beijing Award of Outstanding Student, Beijing Award of Learning Merit Scholarship in four consecutive years</p>
SKILLS	<p>C, Python and Solidity</p>