Li Quan

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https://github.com/only4sim/

Research Interests

Blockchain, Information Theory and Coding Theory.

Education

February 2020, Beihang University, M.E. in Communication and Information System, GPA: 90/100 Rank: 10/125

July 2017, Beihang University, B.E. in Information Engineering, GPA: 88/100 Rank: 2/40

Honors and Awards

2018: The 2nd winner, Blockchain True DApp Competition

2018: The 2nd winner, Bytom Development Challenge

2018: Second Prize, Blockchain Innovation Competition

2017: Excellent Graduate, Beijing, China

2017: Excellent Student Award, Beijing, China

2016: Meritorious Award, MCM/ICM

2016: Excellent Student Leader Award, Beijing, China

2014 – 2017: Learning Merit Scholarship, Beihang University, China

Publications

1. **Li Quan,** Qin Huang, Shengli Zhang, Zulin Wang, "Downsampling Blockchain Algorithm", IEEE INFOCOM 2019, Paris, France, April 29 - May 2, 2019.
2. Qin Huang, Qiang Xiao, **Li Quan,** Zulin Wang, Shafei Wang, "Trimming Soft-Input Soft-Output Viterbi Algorithms", IEEE Transactions on Communications (TCOM), Vol. 64, Issue, 7, 2016, Pages 2952-2960.
3. Ruilin Pei, Zulin Wang, Qiang Xiao, **Li Quan,** "Blind identification for Turbo codes in AMC systems", IEEE ICCSN 2016, Beijing, China, June 4-6, 2016.

Patents

1. Qin Huang, Shuai Wang, **Li Quan,** "Target localization method, device and electronic device based on querying", Registration No. 201910071761.9, China patent, 2019.
2. Qin Huang, **Li Quan,** Zulin Wang, "Blockchain storage method and blockchain node", Registration No. 201810804118.8, China patent, 2018.

Exchange

08/2018	Technical University of Denmark, Denmark Research on reducing blockchain nodes data storage requirements using erasure codes Advisor: Professor Søren Forchhammer Scholarship offered by Beihang University
01/2017 – 05/2017	Lund University, Sweden Study on discrete mathematics and information theory Teacher: Dr. Anna Torstensson and Associate Professor Stefan Höst National full scholarship offered by China Scholarship Council

Skills

Programming: C, Python and Solidity