# Yuzhe Tang

## Professional Preparation

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| Fudan University | Shanghai, China | Computer Science | | Bachelor of Science, 2006 | |
| Fudan University | Shanghai, China | Computer Science | | Master of Science, 2009 | |
| Georgia Institute of Technology | Atlanta, GA | Computer Science | Ph.D., 2014 | |

**Appointments**

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| 08/14 – present | *Assistant Professor,* Department of EECS, Syracuse University, Syracuse, NY |

**Products**

* Up to five products most closely related to the proposed project; and
* Lightweight Blockchain Logging for Data-Intensive Applications

Yuzhe (Richard) Tang, Zihao Xing, Cheng Xu, Ju Chen, Jianliang Xu

2nd Workshop of Trusted Smart Contracts 2018 at International Conference on Financial Cryptography and Data Security

* Lightweight Authentication of Freshness in Outsourced Key-Value Stores

Yuzhe Tang, Ting Wang, Ling Liu, Xin Hu, Jiyong Jang

ACSAC 2014: 176-185

* Yuzhe Tang, Jianliang Xu, Shuigeng Zhou, Wang-Chien Lee, Dingxiong Deng, Yue Wang

A Lightweight Multi-dimensional Index for Complex Queries over DHTs

TPDS 2011, [pdf]

* Yuzhe Tang, Shuigeng Zhou, Jianliang Xu

LIGHT: A Query-Efficient yet Low-Maintenance Indexing Scheme over DHTs

TKDE 2010

* Yuzhe Tang, Shuigeng Zhou

LHT: A Low-Maintenance Indexing Scheme over DHTs

ICDCS 2008

* Up to five other significant products, whether or not related to the proposed project.
* Strongly Secure and Efficient Data Shuffle on Hardware Enclaves

Ju Chen, Yuzhe (Richard) Tang, Hao Zhou,

The 2nd Workshop on System Software for Trusted Execution, SysTEX@ACM SOSP,

Oct. 28, 2017, Shanghai, China

* Deferred Lightweight Indexing for Log-Structured Key-Value Stores

Yuzhe Tang, Arun Iyengar, Wei Tan, Liana Fong, Ling Liu, Balaji Palanisamy

CCGRID 2015: 11-20, the Best Paper Award

* Privacy-Preserving Multi-Keyword Search in Information Networks

Yuzhe Tang, Ling Liu

IEEE Trans. Knowl. Data Eng. 27(9): 2424-2437 (2015)

* e-PPI: Locator Service in Information Networks with Personalized Privacy Preservation

Yuzhe Tang, Ling Liu, Arun Iyengar

ICDCS 2014: 186-197

* Auto-pipelining for Data Stream Processing

Yuzhe Tang, Bugra Gedik

IEEE Trans. Parallel Distrib. Syst. 24(12): 2344-2354 (2013)

**Synergistic Activities**

* **New report (Feb. 7, 2018)**: “NSA Taps Syracuse University Faculty to Develop Cybersecurity Curricula” (Syracuse University News)
* **News report (Dec. 1, 2017)**: “Professor Yuzhe Tang on Bitcoin, Criminal Activity and How Digital Currency Disrupts Traditional Banking” (Syracuse University News)
* **Public lecture (Dec. 2017)**: "Blockchain: Applications, Security Promises and Internals",   
  at CSIAC, [[webinar](https://www.csiac.org/event/blockchain-applications-security-promises-and-internals/)], [[slides](http://tristartom.github.io/docs/csiac17.pdf)]
* **Public lecture (June 2017)**: "Get Your Head In The Clouds! Cloud Computing – Risks and Rewards", at The Museum of Science and Technology at Syracuse, [[link](http://www.cnyo.org/tag/yuzhe-tang-ph-d/)]
* **News report (Oct. 20, 2015)**: “In Defense of Online Medical Records” (Syracuse University News, CyberRI News)