

Yuzhe Tang

PROFESSIONAL PREPARATION

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

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, [\[webinar\]](#), [\[slides\]](#)
- **Public lecture (June 2017):** "Get Your Head In The Clouds! Cloud Computing – Risks and Rewards", at The Museum of Science and Technology at Syracuse, [\[link\]](#)
- **News report (Oct. 20, 2015):** "In Defense of Online Medical Records" (Syracuse University News, CyberRI News)