

Dong Yuan

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Education

- 2015.09-2018.06 **Master in Computer Science**, *Tsinghua University, Beijing, China.*
2010.09-2014.07 **Bachelor in Software Engineering**, *Tongji University, Shanghai, China.*
2013.03-2013.09 **Exchange Student**, *Karlsruhe Institute of Technology, Karlsruhe, Germany.*

Interests

AI & Security and Privacy, Privacy and Security in Crowdsourcing

Other Interests: Back End, Distributed System, Database, Data Mining, Machine Learning.

Publications

- CIKM 2017 **Sybil Defence In Crowdsourcing Platforms.**
Dong Yuan, Qi Li, Guoliang Li, Yudian Zheng.
- TMC (Submitted) **PriRadar: A Privacy-Preserving Framework for Spatial Crowdsourcing.**
Dong Yuan, Qi Li, Guoliang Li, Kui Ren.

Internship

- 2017.06-2017.08 **Intern, Wechat Group, Tencent, Guangzhou, China.**
Detect malicious Wechat accounts during registration with unsupervised learning.
- Extract features and detect abnormal from millions of registration.
 - Implement algorithms with Spark GraphX.
 - Detected millions of malicious registrations with precision over 95%

Project Experiences

- 2017.05-Now **PostgreSQL: GiST API Advancement, C.**
○ Implement and benchmark the overlap optimization of RR*-Tree to GiST.
- 2016.05-2017.05 **Verifiable Multi-dimension Range Query on Encrypted Data**, mentor.
- 2016.05-2016.11 **Sybil Accounts Detection in ChinaCrowds, C++.**
○ Investigate and implement the quality control method.
○ Design and implement algorithm to filter sybil accounts.
- 2015.05-2015.11 **Privacy Protection for Spatial Crowdsourcing, C++.**
○ Design grid-based algorithm to protect the location privacy of worker and task.
○ Design task assignment algorithm base on grid-based algorithm.
- 2012.08-2013.10 **Schnee, C#,** a desktop application of simulation of business which works in LAN.
- 2012.03-2012.07 **TAS, PHP,** a web application for publishing software testing tasks.

Awards and Scholarships

- 2016 **Second-class of Guanghua Scholarship**, *Tsinghua University*
2011, 2012 **National Endeavor Fellowship**, *Tongji University*
2011, 2012 **Third-class and Second-class Scholarships**, *Tongji University*

Skills & Others

- Programming **C++, Scala, Python, Java, Go, C#, PHP, Linux.**
English **CET-6**, *fluent reading and communication.*
German **A2**, *basic reading and communication.*
Others Big Data & Cloud Security TA (2017), JAVA TA (2012).