Tengfei Tu

Personal Information

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Education

Current SEP 2013	**Beijing University of Posts and Telecommunications**, Beijing *Computer Science and Technology* PHD candidate
JULY 2013 SEP 2009	**QingDao University**, QingDao, ShanDong *Software Engineering* Bachelor Degree

Research interests

Web Security, Mobile Security, Network Security and Cloud Computing Security.

Experience

Researching the security of protocols in industrial control system.
Researching adware and malware in Android system.
Researching the integrity of outsourced data for secure clouding storage.
Making contribute to open source software(sulley, sappho and etc).
Developed fuzzing tools for protocols, computer softwares and mobile apps.
Developed log analysis system based on cloud computing.

Publications

1. Dynamic Outsourced Auditing Services for Cloud Storage Based on Batch-Leaves-Authenticated Merkle Hash Tree.
2. Dynamic Outsourced Auditing for Secure Cloud Storage Based Service.
3. ICSMap: An ICS Scanning Tool Based on Stateless Connections.
4. Privacy-Preserving Outsourced Auditing Scheme for Dynamic Data Storage in Cloud.
5. A Vulnerability Mining System Based on Fuzzing for IEC 61850 Protocol.

Patents

1. A method can find communication vulnerability in Android applications.(under review)
2. A method can recognize adware in Android System.(submitted)

Scholarships and Certificates

APRIL. 2017	China Cyber Security Competition 4th
SEPT. 2014	National Scholarship for Graduate students
MAY. 2012	Third prize for "LanQiaoBei" National Software Design Competition

Languages

Chinese: Mothertongue
English: Fluent

Skills

Software design and implementation, with(in) a team. Big fan of Agile methodologies (Scrum). Enjoys writing Python and Java, yet flirts regularly with Python. Linux administration skills: Bash, Nginx, MySQL, PostgresSQL, Redis, Elasticsearch.