Curriculum Vitae (2022)
Yingjiu Li

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Email: yingjiul@uoregon.edu; Web: https://ix.cs.uoregon.edu/~yingjiul/

Highest Degree: PhD in Information Technology, George Mason University, USA, 2003

Positions Held

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<tr>
<th>Period</th>
<th>Position</th>
<th>Institution</th>
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<tr>
<td>Dec. 2019 – Present</td>
<td>Ripple Professor</td>
<td>University of Oregon</td>
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<tr>
<td>Jan. 2011 – Dec. 2019</td>
<td>Associate Professor</td>
<td>Singapore Management University</td>
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<tr>
<td>Aug. 2003 – Dec. 2010</td>
<td>Assistant Professor</td>
<td>Singapore Management University</td>
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Research Interests

Refereed Journal Articles


**Referred Conference Publications**


2. Li Song, Qiongxiao Wang, Jingqiang Lin, Yingjiu Li, Shijie Jia, “Approach then connect: A Physical Location-based Wi-Fi Password Dynamic Update Scheme,” accepted by IEEE Wireless Communications and Networking Conference (WCNC), Austin, TX, USA, April 10-13, 2022.


29. Hui Cui, Robert H. Deng, Xuhua Ding and Yingjiu Li, Attribute-Based Encryption with Granular Revocation, the 12th EAI International Conference on Security and Privacy in Communication Networks (SecureComm), 165-181, Guangzhou, China, October 10-12, 2016.


38. Yan Li, Ke Xu, Qiang Yan, Yingjiu Li, Robert H. Deng, “Understanding OSN-Based Facial Disclosure against Face Authentication Systems,” the 9th ACM Symposium on Information, Computer and Communications Security (AsiaCCS), 239-248, Kyoto, Japan, June 4-6, 2014.


46. Yan Li, Yingjiu Li, Qiang Yan, Robert Deng, “Think twice before you share: Analyzing privacy leakage under privacy control in online social network (short paper),” the 7th International Conference on Network and System Security (NSS), 671-677, Madrid, Spain, June 3-4, 2013.


52. Qiang Yan, Jin Han, Yingjiu Li, Robert Deng, “On Limitations of Designing Usable Leakage-Resilient Password Systems: Attacks, Principles and Usability,” *the 19th Network & Distributed System Security Symposium (NDSS)*, San Diego, California, USA, February 5-8, 2012 (*Distinguished Paper Award*).


81. Xintao Wu, Ying Wu, Yongge Wang, Yingjiu Li, “Privacy Aware Market Basket Data Set Generation: A Feasible Approach for Inverse Frequent Set Mining,” *2005 SIAM International Conference on Data Mining (SDM)*, 103-114, Newport Beach, CA, USA, April 2005.


**Authored Books**


**Patents**


**Technical Contributions to Industry**

1. **Android Security Flaws (Google 2016)**: A series of Android framework vulnerabilities (unprotected APIs) and attacks on Android 5.1.0 and 4.4.4 (including CVE-2016-0831) discovered by Su Mon Kywe, Yingjiu Li, Tieyan Li, and Yongzheng Wu were reported to Google in 2015 and 2014, respectively. The findings were acknowledged by Google in its Nexus Security Bulletin - March 2016 ([https://source.android.com/security/bulletin/2016-03-01.html](https://source.android.com/security/bulletin/2016-03-01.html)).

2. **iOS Security Flaws (Apple 2013)**: A series of iOS framework vulnerabilities (private APIs) and attacks on iOS 5 and iOS 6 (including CVE-2013-0957, CVE-2013-5156, CVE-2013-5157) discovered by Jin Han, Qiang Yan, Su Mon Kywe under the supervision of Yingjiu Li, Robert Deng, Debin Gao, Jianying Zhou, and Feng Bao were reported to Apple’s security team and rectified by Apple in its release of iOS 7 in September 2013 ([http://support.apple.com/kb/HT5934](http://support.apple.com/kb/HT5934)). The findings were recorded in the paper titled “Launching Generic Attacks on iOS with Approved Third-Party Applications,” authored by Jin Han, Su Mon Kywe, Qiang Yan, Feng Bao, Robert Deng, Debin Gao, Yingjiu Li, Jianying Zhou, and published in *the 11th International Conference on Applied Cryptography and Network Security (ACNS)*, 272-289, Alberta, Canada, June 25-28, 2013.

3. **Secure RFID Track and Trace (Makino Asia Pte. Ltd. 2013)**: Consultancy on RFID security was provided to Singapore Institute of Manufacturing Technology (SIMTech) for SIMTech track&solution developed for a company (Makino) in Singapore from November 2012 to February 2013.

**Selected Professional Services**


- **Conference Organization Committees**: CCS (Tutorial Co-Chair 2014), SecureComm (General Chair 2018), AsiaCCS (Publicity and Publication Co-Chair 2007), IEEE-CNS (Publicity Co-Chair 2013), RFIDSec Asia (General Co-Chair 2013, Program Committee Chair 2010, 2012, 2014), DBSec (Program Committee Chair 2011).

- **Editorial Board Member**: IEEE Transactions on Dependable and Secure Computing (TDSC), IEEE, 2021-present.
Recent Talks

- Keynote talk: Robust Android Malware Detection, Information Security Conference (ISC), Bali (Indonesia), 16 - 20 December 2020

Honors and Awards

- Ripple Professorship, University of Oregon, December 2019 - present.
- Lee Kong Chian Fellowship, Singapore Management University, July 1, 2018 - June 30, 2020.
- Long Service Award in Recognition of Fifteen Years of Dedicated Service, Singapore Management University, September 2018.
- Lee Kong Chian Fellowship under the School of Information Systems, Singapore Management University, January 1 - December 31, 2015.
- Distinguished Paper Award, the 19th Network & Distributed System Security Symposium (NDSS 2012), San Diego, California, USA, February 5-8, 2012.
- George Mason University Office of Technology Transfer 2010 Awards, George Mason University, October 18, 2010.

Media Reports about Research Work Involved

- Decentralized exchange security
  - Oregon Quarterly: Cybersecurity Researchers Help Protect the Internet, by Rosemary Howe Camozzi, April 6, 2022 (https://around.uoregon.edu/content/cybersecurity-researchers-help-protect-internet).

- RFID security and privacy

- Face authentication with liveness detection

- Android security vulnerabilities discovered

• iOS security vulnerabilities discovered