

**Jun GAO**

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**Education**

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| 2017~now  | University of Luxembourg, Luxembourg<br>PhD candidate in Android Security  |
| 2010~2013 | Royal Institute of Technology (KTH), Sweden<br>M.S., Communication Systems<br>Thesis: Cost and Performance Tradeoff Analysis of Cell Planning Levels |
| 2001~2005 | Kunming University of Science and Technology (KUST), China<br>B.S., Electronic Information Science and Technology                                    |

**Professional Skills**

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|-------------|---|
| Programming | C, C++, Java, JavaScript, Python, SQL, PHP                  |
| Android Dev | Eclipse, Android SDK, NDK, JUnit, SQLite, Mobile SDLC       |
| Web Dev     | Django, REST, LAMP, HTML5, CSS, XML, JSON, jQuery, XMPP     |
| Simulation  | MATLAB, Mathematica, R                                      |
| Networking  | Routing/Switching, OSPF, BGP, VPN, DNS, DHCP, Java/C Socket |

**Work Experience**

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|-----------|--|
| 2013~2016 | <b>Co-founder, Director of Board, CTO</b><br>Yabroad Information Co. Ltd, China <ul style="list-style-type: none"><li>o Design and programming company website<ul style="list-style-type: none"><li>▪ Business logic design and implementation</li><li>▪ Online payment and chatting function development and implementation</li></ul></li><li>o Project management</li><li>o Co-author of two patent applications</li></ul>   |
| 2006~2010 | <b>Network Engineer</b> , Dept.: Network and Information Center<br>Kunming University of Science and Technology (KUST), China <ul style="list-style-type: none"><li>o Campus network designing and maintenance<ul style="list-style-type: none"><li>▪ IP address configuration and routing strategy design</li><li>▪ QoS strategy design and implementation</li><li>▪ Routers, switches and firewall configuration</li></ul></li><li>o Server &amp; services setup and maintenance<ul style="list-style-type: none"><li>▪ Server selection and installation</li><li>▪ OA, DHCP, DNS, email, VPN, WWW, AAA etc.</li></ul></li></ul> |

- Network data flow monitor & control, invasion detection

### ***Project Experience***

- **Console via Android (ConDroid)**  
Designed and implemented client and server Android applications to realize configuring network equipment via SMS.
- **Android Auto-Sender**  
Developed an Android application, which can check personal calendars and contacts, public calendars, recognize specified markers to send relevant SMS automatically.
- **Android RSS Reader**  
Implemented an Android application to automatically fetch and resolve RSS feed.
- **File Transfer Application**  
Implemented a reliable file transfer application by using C and relevant socket API.
- **Web Protocol Implementation**  
Implemented a web service listening on a specified port by using Java and it's multi-thread programming.
- **Simple CRM**  
Designed a CRM system for a small business and developed a prototype application by using Delphi.
- **Defective Cigarette Box Detection**  
Designed an image-processing algorithm and implemented it by using C/C++ to detect defective cigarette box in real time.

### ***Publications & Patents***

- **Jun Gao**, Li Li, Pingfan Kong, Tegawendé F. Bissyandé, Jacques Klein, Poster: On Vulnerability Evolution in Android Apps, 40th International Conference on Software Engineering (ICSE), 2018
- Li Li, **Jun Gao**, Tegawendé F. Bissyandé, Lei Ma, Xin Xia, Jacques Klein, Characterising Deprecated Android APIs, The 15th International Conference on Mining Software Repositories (MSR), 2018
- Daoyuan Li, Xin Cheng, **Jun Gao**, and Xin Gu. Method and system for combining similar search result items, November 2012. Chinese Patent Application Number: 201210451656.6, Publication Number: CN102930038A.
- Daoyuan Li, Xin Cheng, **Jun Gao**, and Xin Gu. Method and system for updating search results in real- time based on user behaviours, November 2012. Chinese Patent Application Number: 201210453464.9, Publication Number: CN102930041A.

### ***Training and Certificates***

- Huawei Certified Network Engineer (HCNE).
- Huawei 3Com Certified Senior Engineer (H3CSE).

***Honors and Awards***

- I was granted of scholarships almost every term during university for my bachelor degree.
- National First Prize of Modeling Competition of Mathematics for National University Student of Higher Education Society Cup of year 2004.
- Honored guest in Sino-Thai higher education staff exchange program Mae Fah Luang University, Thailand

***Languages***

Chinese	Native
English	Proficient