

Jun GAO

Doctoral Researcher - SNT - University of Luxembourg

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Education

Ph.D. in Android Security

University of Luxembourg

January 2017 – January 2021 EXP Luxembourg

Dissertation: Mining App Lineages: A Security Perspective

M.S. in Communication Systems

Royal Institute of Technology (KTH)

September 2010 – March 2013 Stockholm, Sweden

Thesis: Cost and Performance Tradeoff Analysis of Cell Planning Levels

B.S. in Electronic Information Science and Technology

Kunming University of Science and Technology

September 2001 – July 2015 Kunming, China

Professional Experience

Yabroad Information Co. Ltd, China

Co-founder, CTO

2013 - 2016

Nantong, China

- **Project management:**
 - Functionality requirements collection.
 - Development strategic plan.
 - Development process control.
- **Web application development:**
 - Development planning.
 - Developed an online chatting system based on XMPP.
 - Developed the dynamic testing system based on selenium Python.
 - Implemented part of the website UI by using JavaScript, HTML and CSS.
- **Service setup:**
 - VPN setup (openvpn).
 - Access control (Linux iptable).
 - Version control server setup (Git).
 - Webserver setup (AWS).
 - CDN setup (CloudFlare).
 - Workflow management system setup.

Kunming University of Science and Technology

Network Engineer

2006 - 2010

Kunming, China

- **Campus network design and maintenance:**
 - IP address configuration.
 - routing strategy design and implementation.
 - QoS strategy design and implementation.
 - Load balance configuration.
 - Routers, switches, WLAN, configuration.
- **Services setup and maintenance:**
 - DHCP, DNS, email, WWW, RAID.
- **Network Security setup & monitor:**
 - Firewall configuration.
 - IPSec VPN.
 - IDS/IPS (Snort etc.) configuration and monitor.
 - RADIUS configuration.

Summary

I possess fundamental knowledge in various fields such as telecommunication, networking, software engineering, data science, etc. I have practiced and refined my skills not only in academic training but also in 7+ years of professional practice. I learned the art of teamwork and management from previous professional experience as well. I am an active and effective learner with a passion for a variety of new technologies.

Skills

- **Programming:**
Java, Python, Javascript, Bash, C/C++
- **Web Dev:**
HTML, CSS/SASS, jQuery, REST, XMPP, Django
- **Data Science:**
Numpy, Pandas, Matplotlib, Seaborn, Scikits, CUDA, SPARK, HADOOP, Pytorch, R, Jupyter
- **Networking:**
Socket programming, TCP/IP, IPv6, NAT, OSPF, RIP, BGP, IGMP, GRE, QoS, STP, VLAN, WLAN
- **Cyber Security:**
Firewall, IDS/IPS, SSL & IPSec VPN, RA-DIUS, IKE

Awards and Honors

FOSS Impact Paper

Mining Software Repositories (MSR)

2018

Sweden

Honored Guest

Sino-Thai Higher Education Staff Exchange Program

2009

Thailand

National 1st Prize

Contemporary Undergraduate Mathematical Contest in Modeling

2004

China

Languages

Chinese
English
French

