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 <u>EXP</u> 📍 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, RADIUS, 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 ●●●○○