

Caijun Sun

Curriculum Vitae

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🌐 <https://www.iovi.com/about>



Research Interests

- Natural Language Processing; Text Mining; Social Media Mining.

Education

- 2015–present **Ph.D. Candidate in Computer Science**, *State Key Laboratory of Networking and Switching Technology*, Beijing University of Posts and Telecommunications.
- Advisor: Sujuan Qin
- Research interests: Natural Language Processing; Text Mining; Social Media Mining.
- 2013–2015 **M.Eng. in Information Security**, *State Key Laboratory of Networking and Switching Technology*, Beijing University of Posts and Telecommunications.
- Advisor: Qiaoyan Wen
- Research interests: Software Engineering, Information Security
- 2009–2013 **B.Eng. in Software Engineering**, *Hangzhou Institute of Service Engineering*, Hangzhou Normal University.
- Advisor: Li Kuang
- Interests: Android Development, J2EE Development

Work Experiences

- Jan.2016 **Popularity Based Collaborative Filtering Model for Movie Recommendation**,
Feb.2016 Personal work.
- Dec.2014 - **Project: Android Application Security Testing Platform**, *Team Leader*, Network Security Research Center, BUPT.
Present
- Techniques including Channel, Fuzzy, Static, Dynamic tests
- Vision Tree based apk crawler
- All the App on distribution channels are covered and monitored in China
- Each working module is designed fully distributed and scalable
- Sep.2015 **Project: Oraclex**, *Team Leader*, Network Security Research Center, BUPT.
- Oct.2015 - An category classifier for mobile apps
- Relied on LDA and PLSA, ideas from this paper
- Dec.2014 **Project: PrimeDFS**, *Team Leader*, Network Security Research Center, BUPT.
- Dec.2015 - Another Distributed File System(DFS) based on FastDFS
- Incorporating techniques of P2P and Merkle Tree
- Solving problems of Single Point Failure, Duplication, etc.

- Dec.2014 **Project: Autobit**, Personal work.
- May.2015 - Automated Bitcoin trading robot
 - Combined with traditional trading algorithm DT and machine learning technique SVM
 - Earnings rate is 200% from January to August in 2015
- Dec.2013 **Project: Simulation Platform for Industrial Control System**, *Team Leader*,
 Oct.2014 Network Security Research Center, BUPT.
 - Development on OpenStack private cloud
 - Software-based virtualization for certain industrial devices
 - Multiple virtual network architecture is supported
- May.2013 **Intern: IOS App Developer**, *Hangzhou Jtang Information Technology*, Hangzhou,
 Aug.2013 CHINA.

Selected Publications

- Sep.2015 **I'm still Working on it**, *Institute of Network Technology*, BUPT.
 Present I'm working hard!

Service

- Sep.2015 **Monitor of PhD Student Class**, *Institute of Network Technology*, BUPT.
 Present
- Mar.2014 **Linux, Git-SCM, Maven/Gradle, Scrum Trainer**, *Network Security Research Center*, BUPT.
 Present
 - Train the team members how to use Git and Maven/Gradle to manage projects
 - Teach the members organizing sprint planning meetings
- Sep.2013 - **Laboratory Network Administrator**, *Network Security Research Center*, BUPT.
 Present
 - Cloud computing: OpenStack, Hadoop, MongoDB
 - Project Management: Redmine, Gitlab, Jenkins, Nexus, MediaWiki, LDAP, VPN, Proxy
- Oct.2013 **Service: Teacher Assistant**, *Information Security Group*, BUPT.
- Jun.2014 - Advisor: Prof. Fei Gao
 - Courses: Applied Cryptography; Introduction to Quantum Cryptography

Computer Skills

- OS Experienced with Linux, MacOSX, Windows
- Tools Proficient in Git, Maven, Vim, IntelliJ; Familiar with Matlab, RStudio, Emacs
- Languages Experienced with C, C++, Java, Python, Shell Script; Familiar with R
- Platforms Skillful in Hadoop, Hive, Docker, Redmine, Gitlab, Jenkins; Familiar with Spark, OpenStack

Honors & Awards & Patents

- 2015-2016 **First Prize Scholarship**, *State Key Laboratory of Networking and Switching Technology*, BUPT.
- 2013-2015 **Second Prize Scholarship**, *State Key Laboratory of Networking and Switching Technology*, BUPT.
- 2012 **Patent: Android Platform Oriented Secure Information Exchange Application of Wireless Network**, *Patent ID: CN201210172805.5*, HZNU.

2011 **Excellence Award of Open Lab Research**, *Operating Systems Design and Implementation*, HZNU.

Qualifications

GPA **Under-Graduate: 3.1/4; Post-Graduate: 3.4/4**

English **CET-4(532/710); CET-6(513/710); PTES5(passed, oral 5/5, listening 19/30)**