JIE FENG

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EDUCATION

The Johns Hopkins University Baltimore *MD, U.S.A.*   Dec 2014
Master of Science in Security Informatics   GPA: 3.31/4.00
- Student membership of *Association for Computing Machinery*, Member of *JHUACM*
- Selected Courses: Advanced Topics in Cryptograpy,   Advanced Topics in Computer Security,   Modern Cryptography,
  Security & Privacy in Computing,   Software Vulnerability Analysis ,   Algorithm I

Soochow University *Suzhou, China*   Jun 2013
Bachelor of Engineering   GPA: 3.30/4.00(Major:3.73)
- **National First Prize(8th/126 finalists)**,*"Lanqiao Cup"* National Software Designing Contest(Java), *Beijing China*, 2011
- **National First Prize(24th/932 finalists)**,*"Lanqiao Cup"* National Software Designing Contest(C/C++), *Beijing China*, 2012
- **Bronze Medal**, ACM-ICPC Asia Regional Contest, *Tianjin China*, 2012
- **Meritorious Winner**, Mathematical Contest in Modeling, *U.S.A*, 2011
- **National Winning Prize**, National Information Security Contest for College Students, *Zhenzhou China*, 2012
- **"Excelent Graduate"** of Soochow University, *Suzhou China*, 2013

PROFESSIONAL EXPERIENCE

Soochow University - CS Department *Suzhou China*, 2012-2013   Student Algorithm Lecturer&Coach
- Prepared and delivered algorithm courses to students, concentrated on data structures, dynamic programming, graph theory. Managed the *ACM-ICPC* team of *Soochow University*. Responsible for leading the team hacking algorithm challenges, preparing the team for algorithm contests, holding algorithm talks and selecting new members.

Suzhou Ruiyi Information Technology, Inc. *Suzhou China*, 2012   Web Developer
- Wrote scrips to crawl and process renting information process into required structure .Also involved Android development.

Yangzhou University - Information Center *Yangzhou China*, 2011-2012   Database Manager
- Database creating and tuning on Windows NT and Ubunbu Server. Set up backups, import, export, and other monitoring scripts. Managed database security. Designed and developed automated data backup and restoration procedures.

PROJECT EXPERIENCE   (˜ ⟹ **https://github.com/hophacker**)

"Bang"-phone number exchanger *Baltimore U.S.A*, 2014
- This is an Android App built within 36 hours in *Hophacks*. It can help a group of people to add each other's contact with pressing the button of our App just for seconds. I wrote the server with *Python* and helped the interface designing.

"Euler" Math Library - C++ *Baltimore U.S.A*, 2013-2014   (˜/**euler**)
- I wrote this library to help people solve general math problems and Big-Integer math problems

Algorithm Practicing *China*, 2006 - Present   (˜/**AlgorithmPractice**)
- Algorithm practicing is my loved hobby and occupies me a fare amount of time. Currently, I'm using the name "hophacker" constantly attending contests from *Topcoder, CodeChef, Codeforce, hackerrank, CodeEval*, etc.

Software Vulnerability Analysis *Baltimore U.S.A*, 2013
- The project has two parts: (1)Several programming tasks to get hands on experience exploiting software vulnerabilities like Buffer Overflow, Format String Vulnerability, Integer Overflow etc. (2)Reverse Engineer a given Web Sever Binary and exploit vulnerability in it using return into libc attack.

Evaluating existing social network platform-*Sina Weibo* *Baltimore U.S.A*, 2013   (˜/**spcProject**)
- Implemented a *distributed* crawler which can crawl more than 6,900,000 rows of user data in one week.
- Evaluated the ability to gather personal information, the prevalence of attacks and threats to *Sina Weibo*.

Searchable Cryptographic Storage System *Suzhou China*, 2012-2013   (˜/**CS2**)
- This project implemented a highly efficient cryptographic storage system which guarantees searching, dynamic adding and deleting operations among encrypted data, with friendly interface.

Universal Online Examination System *Suzhou China*, 2011-2013   (˜/**universal-online-exam**)
- It is a web-based examination system built with high stability, friendly interface, secure communication. It has served 40,000+ students and has the ability to support 1,000+ examinees taking exam concurrently.
- It provides service to: (1)Examinee: registration, examination taking and practicing, profile management, message posting and information feedback. (2)Manager: time setting, examinee selecting&maintaining, questions importing&maintaining, feedback checking, announcement delivering, monitoring, history viewing, statistic analysing, report generating, etc.
- Designed and implemented a database which strictly conformed to standard normalization forms and naming rules.

Hacking Nintendo 3DS Console *Suzhou China*, 2011
- Reverse engineered key binary code of existing NDS emulator, contributed code to new 3DS emulator.
- Reverse engineered cartridge driver and simulated communication between 3DS console and game cartridges.

SKILLS

- **Languages**: C/C++, D, Java, Scala, Python, PHP, Perl, HTML/CSS/Javascript/JQuery, Android, Bash, Vimscript, JSP, Pascal, Assembly, Regular Expressions, Matlab, LATEX
- **Tools**: Vim, Linux, Shell, Emacs, Eclipse, Netbeans, Visual Studio, Github, intellij, phpStorm, IDA Pro.