

# JIE FENG

(443) 996-2046 • jiefeng.hopkins@gmail.com • www.i-feng.org • 500 W University Pkwy Apt 9D, Baltimore MD 21218

## 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 Cryptography, Modern Cryptography, Advanced Computer Security, Algorithm I*

**Soochow University Suzhou, China**

Jun 2013

*Bachelor of Engineering* GPA: 3.30/4.00(Major:3.73)

- **National First Prize(8th/126)**, "Lanqiao Cup" National Software Designing Contest(Java), *Beijing China*, 2011
- **National First Prize(24th/932)**, "Lanqiao Cup" National Software Designing Contest(C/C++), *Beijing China*, 2012
- **Bronze Medal**, ACM-ICPC Asia Regional Contest, *Tianjin China*, 2012
- **Coach Awarding**, 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(mainly freshman and sophomore) once a week, concentrated on data structures, dynamic programming, graph theory and number 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, Android Developer

- Involved in designing the interface for an Android App which can be used to find housing information.
- Developed scrips to crawl data from the Internet and to process the data into required structure.

**Yangzhou University - Information Center Yangzhou China**, 2011-2012

Database Manager

- Responsible for Oracle 9i maintenance on Windows NT and MySQL maintenance on Ubuntu Server.
- Database creating and tuning. Set up backups, import, export, and other monitoring scripts.
- Managed database security. Designed and developed automated data backup and restoration procedures.

## PROJECT EXPERIENCE

(~  $\Rightarrow$  <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)

- "Euler" can help you hack general math problems like calculating the sum of all the factors of a given number.
- "Euler" has an independent *Big Integer Library* which has some awesome functionalities, ex, calculating power.

**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.

**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.
- Combined several most successful web technologies and ideas, including LAMP workflow, CakePHP Framework, Smarty template, KoolPHPSuite, JQuery(UI), JS plugins like WYSIWYG editor, JqGrid.

**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++**, **Java**, **Python**, **PHP**, **Perl**, HTML/CSS/Javascript/JQuery, Android, Scala, Bash, Vimsript, JSP, Pascal, Assembly, Regular Expressions, Matlab, L<sup>A</sup>T<sub>E</sub>X
- **Tools:** **Vim**, **Linux**, **Shell**, Emacs, Eclipse, Netbeans, Visual Studio, Github, intellij, phpStorm, IDA Pro.