

# 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: 3.58/4.00

- Student membership of *Association for Computing Machinery*, Member of *JHUACM*
- Selected Courses: *Advanced Topics in Cryptography*, *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*

- **First Prize(Top 3 out of 1000+)**, Ruiyi Scholarship In CS Department of Soochow University, *Suzhou 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

## CODING ACHIEVEMENTS

- **Bronze Medal**, ACM-ICPC Asia Regional Contest, *Tianjin China*, 2012
- **113th**, Yandex.Algorithm 2014 Round 1, *Russia*, May 31, 2014
- **369th/30000+**, Google Codejam Qualification Round 2014, *United States*, 2014
- **562nd**, Google Codejam Round 1, *United States*, 2014
- **144th/2425**, **Topcoder 2014 Qualification Round A**, Apr 12, 2014
- **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
- **41th/3543**, *Codeforces Round #234* (2-hour hack featuring 5 challenges on *Mar 5*) by *Codeforces*
- **50th/1740**, *20/20 Hack February* (3-day hack featuring 7 challenges on *Feb 17*) by *HackerRank*
- **42th/4152**, *CodeSprint 5* (24-hour hack featuring 11 challenges) by *HackerRank*

## 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.

## LEADERSHIP & PROJECT

(~  $\Rightarrow$  <https://github.com/hophacker>)

### Inlrn Baltimore U.S.A, 2014

- Inlrn is an online learning platform which is more sociable than Coursera and khan academy. It is built by web2py framework and bootstrap. Users earn "Inlrn points" by taking courses and delivering courses and these records can be seen by paid users(university hiring faculty and company hiring managers). Users learn and distribute knowledge in our platform and we help them to achieve better career and better future.

### "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)

- Implemented a math library which is 3 times faster than existing C++ math libraries and support more functionalities.

### 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.

## SKILLS

- **Language:** C/C++, Java, Scala, Python, PHP, Perl, Bash, HTML/CSS/Javascript/JQuery
- **Area:** Security, Cryptography, Algorithm, Network, Database, Web Design