Fei Luo
Curriculum Vitæ

CONTACT
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✉Email
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LANGUAGES
- Mandarin
- English

SKILLS
- C
- C#
- C++
- PHP
- Java
- HTML
- ❤Python
- Assembly

INTERESTS
- Web Framework
- Machine Learning
- Software Development

STRENGTHS
- Logical Thinking
- Mental Arithmetic
- Software Engineering

WIKIPEDIA
- Tsinghua University = THU
  Top 1 University in PRC

Education

2015^{09}-Present · **Master of Science in Computer Science** — Northwestern University, USA
Department of Electrical Engineering and Computer Science

2011^{09}-2015^{07} · **Bachelor of Engineering in Computer Software** — Tsinghua University, PRC
School of Software

Awards

2015^{11} · **ACM ICPC Regional Silver Medal [News]** — ACM Mid-Central USA
ACM International Collegiate Programming Contest
Rank **4** out of **156** teams(Tied for 1st place)

2013^{08} · **3rd Prize of Baidu Web Front-End Development Competition** — Baidu, China
Designed a picture display webpage with search functions
Rank **10** out of **60** contestants

2012^{12} · **3rd Prize of Wireless Sensor Network Project Competition** — THU, China
Rank **5** out of **20** groups

Experience

Ongoing · **Prof. Ilya Mikhelson's Group** — Northwestern University, USA
- Project: *"Intelligent Sickroom Project"*
- Implemented sickbed detection by Microsoft Kinect sensor.

2014^{10}–2015^{05} · **Prof. Fei He's Group** — Tsinghua University, PRC
- Project: *"Privacy Protection based on Big Data Platform"*
- Defined a language plan to translate privacy rules and policies into machine-understandable language.
- Developed the rule-parsing algorithm.
- Proposed the privacy-checking algorithm by lineage tree.

2014^{07}–2014^{09} · **Prof. Darko Marinov's Group** — University of Illinois at Urbana-Champaign, USA
- Project: *"JaConTeBe"* (Java Concurrency Testing Benchmark)
- Analyzed and described the interleavings of each bug.
- Wrote scripts to run tests and report bugs automatically.
- Added a new bug to the benchmark and tested the benchmark with JPF.

2013^{10}–2014^{01} · **Prof. Qiang Liu's Group** — Tsinghua University, PRC
- Project: *"College Information Inquiry Platform based on* **WeChat**"
- Completed requirement analysis & modeling and crawled the data on webpage.
- Developed the back-end to response user's queries and tested the performance by JMeter.

2013^{11}–2014^{01} · **Prof. Yunhao Liu's Course** — Tsinghua University, PRC
- Project: *"Data Collection and Aggregation in Multi-hop Wireless Sensor Networks*"
- Built a system framework for [1]data acquisition, [2]message forwarding, [3]Ack and message retransmission.
- Project: *"FTP Implementation"*

2012^{02}–2012^{06} · **Prof. Chaokun Wang's Course** — Tsinghua University, PRC
- Project: *"* **Game** **Bomberman**"
- Implemented game logic and UI drawing by x86 assembly language

Membership

2014^{07}–2014^{09} · **Visiting Research Student** — University of Illinois at Urbana-Champaign, USA
Supported by Undergraduate Research Program at Tsignhua University, PRC

2014^{06}–2015^{06} · **Research Assistant** — Tsinghua University, PRC