# Chunmiao Li

## Personal Data

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|---|---|
| Place and Date of Birth: | Shaanxi, China \| 03 March 1993 |
| Address: | No.800 Dong Chuan Rd, Shanghai |
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## Research Interest

Bidirectional Transformation, Blockchain Security Analysis, Pushdown System, Automata Theory, etc.
I love exploring other areas as well.

## Education

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| Mar. 26th, 2017 - Sep. 14th, 2017 | Internship on the National Institute of Informatics, Japan (*NII International Internship Program, supervised by Zhenjiang Hu*) |
| 2015 - now | Master Student in Software Engineering **BASICS Lab**, **Shanghai Jiao Tong University, China** Advisor: Prof. Yuxi Fu |
| 2011 - 2015 | Undergraduate Degree in Software Engineering **Northwest University, China** Gpa: 3.74/4   Rank: 1/167 Thesis: "Design and Implementation of PI Calculus Editor" \| Advisor: Xiaoqun Guo |

## Publication

Chunmiao Li, Yijun Yu and Zhenjiang Hu. Collaborative Development Environment: Fusing Human Insights into Automated Program Repair. In *the 15th Asian Symposium on Programming Languages and Systems (APLAS 2017)*, the finalist award at SRC (Student Research Competition) (3 were selected out of 15)

Chunmiao Li, Xiaojuan Cai and Guoqiang Li. Lower Bound for Coverability Problem of Well-Structured Pushdown Systems. *Journal of Software*, accepted

Chunmiao Li and Xiaojuan Cai. Hardness Results for Coverability Problem of Well-Structured Pushdown Systems. In *Proceedings of the 11th International Conference on Language and Automata Theory and Applications ( LATA 2017 ). LNCS 10168, pp 435-446, 2017*.
*Previous oral presentation at the 2nd Young Researchers Workshop on Formal Methods YR-SETTA 2016*

Chunmiao Li and Xiaojuan Cai. On Hardness of Recursive Integer Program Analysis. In *the 1st National Conference on Formal Methods and Applications (FMAC'16)*, 2016, accepted (as poster)

## Honors And Awards

Sept. 2012    The First Prize Scholarship in NWU
Sept. 2013    The First Prize Scholarship in NWU
Apr. 2014     Champion Team in Elementary Group of the fourth session,
              the Xi'an Colleges and Universities Joint Computer Culture
              and Arts Festival Programming Contest
              ("Intelligent Calendar", written in C Sharp)
Jun. 2014     The Third place in Grape Cup Program Design Contest, Xi'an
              ("the Implementation of Calculator for big numbers", written in C Sharp)
Sept. 2015    The First Prize Scholarship in SJTU
Sept. 2016    The Second Prize Scholarship in SJTU
Sept. 2017    The Second Prize Scholarship in SJTU

## English

CET6:    533 | Pursuing GRE and TOEFL Now

## Experience

Aug. 2013               Intern of Software Testing
                        in Navy Blue Software development and Training School, Xi'an
Oct. 2013               SAP HANA Authentication
May. 2014 - Jul. 2014   Intern of JAVA + 3G Mobile Development
                        in Navy Blue Software development and Training School, Xi'an
                        ("Product Management System" Android Application)

Fall, 2015              Teaching Assistant of Computational Thinking (Python), SJTU
Spring, 2016            Teaching Assistant of Theory of Algorithm, SJTU
Fall, 2016              Teaching Assistant of Theory of Algorithm, SJTU

## Academic Activities

- 12/16/2015 The 8th NSFC-JSPS Joint Workshop on Formal Methods

- 1/9/2016 BASICS New Year Workshop

- 6/14/2016 The 9th NSFC-JSPS Joint Workshop on Formal Methods

- 7/10/2016 - 7/15/2016 SEI ECNU "Coalgebraic Methods for Automata" Summer School 2016

- 7/17/2016 - 7/19/2016 The 10th International Symposium on Theoretical Aspects of Software Engineering(*TASE 2016*)

- 8/15/2016 - 8/19/2016 BASICS Summer School on Quantum Algorithm and Quantum Programming

- 11/9/2016 - 11/11/2016 Symposium on Dependable Software Engineering: Theories, Tools, and Applications(*SETTA 2016*)

- 11/12/2016 *oral presentation at YR-SETTA 2016*

- 11/12/2016 - 11/13/2016 *FMAC 2016*

- 3/6/2017 - 3/9/2017 *oral presentation on the 11th International Conference on Language and Automata Theory and Applications ( LATA 2017 ), paper accepted*

- 4/18/2017 - 7/25/2017 IPL Seminar of of Programming Research laboratory in NII

- 6/29/2017 2nd NII-SJTU Joint Workshop on Urban Informatics

- 8/9/2017 - 8/11/2017, Summer Camp on Programming 2017 of Programming Research laboratory in NII (with presentation)

## SKILLS

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| Programming: | HASKELL, C, JAVA, HTML, JSP, LATEX, PYTHON |
| Applications: | Android Development, Webpage Development |

## INTERESTS AND ACTIVITIES

Technology, Open-Source, Programming
Travelling, Singing, Playing piano
Reading books
Volunteering