

Chunmiao Li

PERSONAL DATA

PLACE AND DATE OF BIRTH: Shaanxi, China | 03 March 1993
ADDRESS: Room 1611, 2-1-2 Hitotsubashi, Chiyoda-ku, Tokyo, 101-8430, Japan
PHONE: +81 80 7828 1090
EMAIL: chunmiaoli1993@gmail.com

RESEARCH INTEREST

Bidirectional Transformation, data sharing, Blockchain, Pushdown System, Automata Theory.
I love exploring other areas as well.

EDUCATION

- 2018.10 - 2021.9 PhD Student in INFORMATICS
 PRL Lab, SOKENDAI, Japan
 Advisor: Prof. Zhenjiang Hu
- 2015.9 - 2018.3 Master Student in SOFTWARE ENGINEERING
 BASICS Lab, Shanghai Jiao Tong University, China
 Advisor: Prof. Yuxi Fu and Prof. Guoqiang Li
- 2011.9 - 2015.6 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, Shijie Nie, Yang Cao, Yijun Yu, Zhenjiang Hu. Dynamic Gas Estimation of Loops using Machine Learning. In *International Conference on Blockchain and Trustworthy Systems (BlockSys'2020)*, Aug. 06-07, 2020.

Chunmiao Li, Yang Cao, Zhenjiang Hu, Masatoshi Yoshikawa. Blockchain-based Bidirectional Updates on Fine-grained Medical Data. In *First International Workshop on Blockchain and Data Management (BlockDM 2019)*, Macau SAR, China, Apr 8, 2019.

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)*, the finalist award at SRC (Student Research Competition) (3 were selected out of 15), 2017

Chunmiao Li, Xiaojuan Cai and Guoqiang Li. Lower Bound for Coverability Problem of Well-Structured Pushdown Systems. *Journal of Software*, 2018

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

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|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| OCT. 2018 -OCT. 2021 | Japanese Government (MEXT) Scholarship |

EXPERIENCE

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|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| Mar. 26th, 2017 - Sep. 14th, 2017 | Internship on the National Institute of Informatics, Japan (<i>NII International Internship Program, supervised by Zhenjiang Hu</i>) |

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

Programming: SOLIDITY, 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