Resume of Nan JIANG

Basic Information

School：	School of Computer Science
Gender：	Female
Date of Birth：	197604
Title：	Associate Professor
Education：	Ph.D of Computer Software and Theory
Tutor：	Master degree
Email：	724131664@qq.com
Interest of research:	Programming Languages, Interactive Theorem Proving, Trusted Software

Academic Background

From September 1993 to July 1996, Hubei Univ. of Economics, in computer science and technology;
From September 2000 to July 2003, Hubei Univ. of Technology, Master's degree of Computer science and technology;
From September 2012 to July 2016, Wuhan University, Ph.D of computer software and theory.

Oversea visiting

2009/01-2009/08, Visiting scholar, Georgia Institute of Technology, USA;
2018/11-2019/11, Visiting scholar, Technical University of Munich, Germany.

Enrollment Information

1. Enrollment Discipline: Master of Computer Software and Theory
2. Research direction: Programming Languages, Interactive Theorem Proving
3. Enrollment Year: 2023-2024

Representative Projects

1. Compiler Verification based on Java, Wuhan University, 2015.9-2016.9, Project leader.
2. Theories and methods of constructing trusted software, National Natural Science Foundation of China, 2012.7 - 2015.12, Project member.
3. A Provable Dalvik Bytecode Verifier, Hubei Provincial Department of Education, 2016.1-2018.5, Project leader.

Representative Articles

1. Jiang N, Wang LM, Zhang XT, He YX. Mechanized verification of an efficient

algorithm of solving the data-flow equations iteratively. Ruan Jian Xue Bao/Journal of Software, 2022 (in Chinese). http://www.jos.org.cn/1000-9825/6573.htm.

2. Nan Jiang.A data flow analysis algorithm for computing dominators. Archive of Formal Proofs,Sep. 2021. https://www.isa-afp.org/entries/Dominance_CHK.html, Formal proof development.

3. Jiang N, Li QA, Wang LM, Zhang XT, He YX. Overview on mechanized theorem proving. Ruan Jian Xue Bao/Journal of Software, 2020,31(1):82-112 (in Chinese). http://www.jos.org.cn/1000-9825/5870.htm.