

Rui Li

BUPT, Beijing University of Posts and Telecommunications
10 Xitucheng Road, Haidian District, Beijing 100876, China

(+86) 131 **** 7611

zmdsn@126.com

Education

Beijing University of Posts and Telecommunications (BUPT)	Beijing	2015.09 –2021.06
Ph.D. Major in System Science	School of Science	
Shandong University of Science and Technology (SDUST)	Qingdao	2011.09 –2015.06
Bachelor (B.S) Major in Mathematics and Applied Mathematics	College of Mathematics and Systems Sciences	
B.S (second major) Major in International Trade	College of Economics and Management	

Research Experience

Beijing	2020.01 –2021.06
BUPT	
Evolutionary computation (EC) , Capacitated arc routing problem (CARP)	
Shenzhen	2018.09 –2020.01
SUSTech, South University of Science and Technology, Shenzhen Key Laboratory of Computational Intelligence	Visiting Student
Research Areas: EC, CARP	
Mainly studies the large-scale CARP and the local search, the paper is being published	
Beijing	2015.09 –2018.09
BUPT	
Research Areas: EC, Swarm intelligence, Continuous optimization problem , Later began to study combinatorial optimization problem	
Main Achievements: Improved fireworks algorithm ?, Improved particle swarm optimization ?, harmony search algorithm ?, Develop a new algorithm ?	

Internship Experience

Beijing	2017.06 –2017.09
Shecare	The summer internship
Responsible for the Python website back-end development and front-end development. The project is mainly to develop a public account with Python.	
Qingdao	2015.06 –2015.09
Weidong100	The summer internship
Responsible for PHP website back-end development and assist front-end development. During this period, I completed two WeChat public account platform of online shopping malls and a maternity matron company website.	

Professional Skill

Proficient in C/C++, Matlab, Python and other languages and optimization tools, can use PyTorch
I have learned machine learning, optimization and other courses in school
Able to read, write and communicate in English

Appendix: Publications

- Xinchao Zhao, Rui Li, and et al. Elite-leading fireworks algorithm. 2017.
- Guangzhi Xu and Li et al. Rui. Conservatism and adventurism in particle swarm optimization algorithm. 2017.
- Xinchao Zhao and et al. Li, Rui. A new differential mutation based adaptive harmony search algorithm for global optimization. *Applied Sciences*, 10(8):2916, 2020.
- Xinchao Zhao and et al. Li. Gathering and dispersion optimization algorithm:a new heuristic algorithm.