

Wei Liu

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Education

Sep 2020- Jul 2023 (expected)	Northwest University (NWU, Project 211) <i>Advised by Prof. Li Chen</i> <i>Master in software engineering (Working at machine learning, optimization algorithm, data mining, evolutionary computation, deep learning)</i>
Sep 2016- Jul 2020	Taiyuan University of Technology (TYUT, Project 211) <i>B.eng in software engineering</i>

Publications

2022	Offspring Regeneration Method Based on Bi-Level Sampling for Large-Scale Evolutionary Multi-Objective Optimization. <i>Swarm and Evolutionary Computation</i> . (IF = 10.267) 2022 (First author)
2022	A two-stage multi-objective evolutionary algorithm for large-scale multi-objective optimization. In <i>IEEE Congress on Evolutionary Computation (CEC) 2022</i> (First author)

Work&Project experience

May 2021 - Sep 2021	R&D Engineer <i>New Road Network Technology Co., Ltd.</i> <ul style="list-style-type: none">• develop machine learning based framework to design a sliding captcha project.• partial function realization of the anti-private access project
Sep 2019 - Mar 2020	Research Intern <i>Advised by Prof. Xingzhong Zhang</i> <i>Shanghai Briup Software Technology Co., Ltd.</i> <ul style="list-style-type: none">• design and realize the intelligent management system of college players (techniques include: SpringBoot, MySQL, Json and Redis). (dissertation)• design autonomous driving car based on deep Learning (involve using pandas, numpy and pytorch to do data processing).

Honors

The first class scholarship	top 5% Awarded to student with outstanding academic performance
Excellent Student Cadre	top 3% Awarded to undergraduate student with leadership
National Second Prize	Awarded in National Undergraduate Electronic Design Contest

Skills

Programming:

- Python(Pytorch, Sklearn)
- MATLAB: over 10,000 lines experience
- Java: (Spring, SpringMVC, MyBatis, SpringBoot, SpringCloud, etc.)
- C&C++

Document Creation:

- Microsoft Office Suite
- Latex
- Markdown