陶涛 (Tao Tao)

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EDUCATION

Soochow University, Suzhou, P.R. China   09/2017 – 07/2020

- *Master of Engineering*, School of Computer Science and Technology

Anhui Normal University, Wuhu, P.R. China   09/2013 – 07/2017

- *Bachelor of Engineering*, School of Computer and Information
- ***Ranking***: (1st/80)

PUBLICATIONS

✧ **Postgraduate period**

[1] **Tao Tao**, Yu'e Sun, Dongmei Chen, Wenjian Yang, He Huang, Yonglong Luo. A Method of Map Outlines Generation Based on Smartphone Sensor Data[J]. Journal of Computer Research and Development, 2020, 57(7): 1490-1507.**(CCF A in Chinese)**

[2] **Tao Tao**, Yu-E Sun, Dongmei Chen, Yu Xin, Yonglong Luo, He Huang. PosAla: A Smartphone-Based Posture Alarm System Design for Smartphone Users[C]. in Proc of the 14th Int Conf on Mobile Ad-Hoc and Sensor Networks (MSN). IEEE, 2018: 115-120. **(CCF C, Best Paper Award)**

✧ **Undergraduate period**

[3] Liping Sun, **Tao Tao**, Xiaoyao Zheng, Shuting Bao, Yonglong Luo. Combining density peaks clustering and gravitational search method to enhance data clustering[J]. Engineering Applications of Artificial Intelligence, 2019, 85: 865-873. **(JCR Q2, IF: 3.526, SCI-indexed)**

[4] Liping Sun, **Tao Tao**, Fulong Chen, Yonglong Luo. An Optimized Clustering Method with Improved Cluster Center for Social Network Based on Gravitational Search Algorithm[C]. Industrial IoT Technologies and Applications, 2017: 61-71. **(EI-indexed)**

[5] Patent
- 1) Sun Liping; 2) Tao Tao; 3) Guo Liangmin; 4) Chen Fulong; 5) Luo Yonglong. Hybrid clustering method based on data safety. ZL 201710312188.7, Date of Grant:2019-11-266

[6] Software Copyright
- CTPS V1.0, 2015SR163757

SELECTED AWARDS

2017 ~ 2020	Outstanding Graduate Award (2020)
	First-class Scholarship three times for three consecutive years (2017~2020)
2018	Best paper award, the 14th International Conference on Mobile Ad-Hoc and Sensor Networks (MSN2018)
2016	Meritorious Winner, Mathematical Contest in Modeling(MCM) (International First Prize, 7.09%)
2013 ~ 2017	Outstanding Graduate Award (2017, 3.85%)
	Graduate excellent in character and learning of Anhui province (2017, 2.50%)
	First-class Scholarship, four times for four consecutive years (2013~2017, 5.13%)
	National Encouragement Scholarship, three times (2013~2016)
	Pacemaker to MeritStudent, two times (2015, 2016)
	Outstanding students pacesetter cadres, two times(2013, 2017)

PERSONAL SKILLS

- Language: The TOEFL(80+), CET-6(477), CET-4(481); Fluent in conversational Mandarin (Mandarin second grade certificate);
- Programming Language(s): C/C++, Java, MATLAB, C#, Python, R;
- Research Tool(s): EndNote, LaTex, Google Advanced Search;
- Software(s)/Platform(s): Android, ArcGIS;
- Computer Skills: Proficient in MS Office Application (Word, Excel, PowerPoint, Visio); Won the First prize in municipal competition.

PERSONAL QUALITIES

- Teamwork Spirit
- Excellent communicator
- Leadership
- Organization
- Responsible

- Conscientious
- Independence
- Creativity
- Analytical
- Confidence

INTERESTS / HOBBIES

- Improvement: Reading, Meditation;
- Leisure Time: Movies, Music, Photography, Cooking, Travelling;
- Sports: Running, Table tennis/Ping-pong, Badminton, Ultimate Disc.

REFERENCES

Mr. **He Huang**
- Professor, doctoral supervisor, deputy director of Department of Network Engineering
- School of Computer Science and Technology
- Soochow University
- Email: huangh@suda.edu.cn

Mr. **Yonglong Luo**
- Professor, doctoral supervisor, Dean of the School of Computer and Information
- School of Computer and Information
- Anhui Normal University
- Email: ylluo@ustc.edu.cn

PERSONAL STATEMENT

During undergraduate studies, I took the initiative to develop the ability of academic research, presided over a research project (National Undergraduate Innovation and Entrepreneurship Training Program), named "Research on the Method of Public Transport Path Planning Based on ArcGIS", and won the outstanding achievement award. Moreover, I have taken part in many mathematical modeling competitions at different levels, and was designated as Meritorious Winner in The Mathematical Contest in Modeling (MCM 2016). I am familiar with a variety of scientific research tools and programming languages, and have strong software learning and application ability. In 2017, I graduated at the top of his class, obtain the exam-free recommendation qualification, and started my further academic research in Soochow University.

During the postgraduate studies, I have participated in many academic conferences, assisted supervisor in reviewing scientific research papers and conducting scientific research projects. I have read two guide books related to academic research in an intensive way, which further improved my academic research foundation. During the undergraduate study, I have communicated with students majoring in geography for many times, and I am very interested in the powerful data processing and visualization functions of ArcGIS and its extended application. My research interests (any one is fine) including spatial data mining and smart city, smart sensing and mobile computing, privacy preservation, machine learning and data analytics.

More than anything, I am very eager to join a study group with a strong discussion atmosphere, in which we can **brainstorm** together, **study** together and **make progress** together.