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**: TOEFL iBT (83), CET-6 (477), CET-4 (481); Fluent in conversational Mandarin (Mandarin second grade certificate);
- **Programming Languages**: C/C++, Java, MATLAB, C#, Python, R, etc.;
- **Research Tools**: EndNote, LaTex, Google Advanced Search, etc.;
- **Software/Platforms**: Android, ArcGIS, etc.;
- **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, etc.;
- Leisure Time: Movies, Music, Photography, Cooking, Travelling, etc.;
- Sports: Running, Table tennis/Ping-pong, Badminton, Ultimate Disc, etc.

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 my 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, obtaining 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 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 interested in the powerful data processing and visualization functions of ArcGIS and its extended application.

My **research interests** include Various data mining topics and Data analytics (e.g. Spatial data mining); Mobile sensing and Mobile computing (e.g. Smartphone sensing, Smart city); Machine learning and Artificial Intelligence (including their Applications); Bioinformatics and Computational health (e.g. Healthcare, Biomedical Imaging, Medical Image Analysis); Privacy Preservation related to data mining and analytics.