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EDUCATION

Wuhan University, China   *September 2018 - Present*
Third-year Master in Computer Science

Wuhan University, China   *September 2014 - June 2018*
Bachelor of Computer Science   *Overall GPA: 3.6/4.0*

EXPERIENCES

Noah Ark Lab, Huawei, China   *July 2020 - October 2020*
Research Intern

- Design and implement hybrid programming algorithm for large scale production planning.

RMIT University, Australia   *December 2018 - March 2019 & August 2019 - October 2019*
Visiting Student

- Exploit user movement data to enhance passengers' satisfaction via optimizing the network-wide public transport time schedule.

- Towards an optimal city-wide deployment of advertisement (for influence maximization).

Tianyuan DIC Technology Co., Ltd, China   *June 2017 - September 2017*
Software Development Intern

- Participate in the development of telecom billing system.

PUBLICATIONS

- **Mo, S.**, Bao, Z., Zhang, P., Peng, Z., Towards an efficient cost-aware random walk domination[C], **VLDB**, 2021.

- **Mo, S.**, Bao, Z., Zheng, B., Peng, Z., Towards an Optimal Bus Frequency Scheduling: When the Waiting Time Matters[J], **TKDE**, 2020.

- **Mo, S.**, Bao, Z., Zheng, B., Peng, Z., FASTS: A Satisfaction-Boosting Bus Scheduling Assistant, in **VLDB**, 2020. (Demo paper)

- **Mo, S.**, Bao, Z., Zheng, B., Peng, Z., Bus frequency optimization: When waiting time matters in user satisfaction[C], in **DASFAA**, 2020.

- Tian S., **Mo, S.**, Wang L., Peng, Z., Deep Reinforcement Learning-Based Approach to Tackle Topic-Aware Influence Maximization[J], Data Science and Engineering, 2020.

- **Mo, S.**, Tian, S., Li, W., Peng, Z., Minimizing the spread of rumor in online network within budget constraint[C], in National Conference of Theoretical Computer Science, 2019.

- Zhang, Y., Li, Y., Bao, Z., **Mo, S.**, Zhang, P., Optimizing impression counts for outdoor advertising[C], in **KDD**, 2019. (**Best paper runner up**)

- Zhang, Y., Bao, Z., **Mo, S.**, Li, Y., Zhou, Y., ITAA: An intelligent trajectory-driven outdoor advertising deployment assistant, in **VLDB**, 2019. (Demo paper)

- Tian, S., Zhang, P., **Mo, S.**, Wang, L., Peng, Z., A Learning Approach for Topic-aware Influence Maximization[C], in **APWEB-WAIM**, 2019.

- Zhang, P., Bao, Z., Niu, Y., Zhang, Y., **Mo, S.**, Geng, F., Peng, Z., Proactive rumor control in online networks[J], **WWWJ**, 2019.

PROJECTS

A Satisfaction-Boosting Bus Scheduling Assistant
This project aims to demonstrate a satisfaction-boosting bus scheduling assistant, which assists users to find an optimal satisfaction-boosting bus schedule.

An Object Deputy Database Demonstration for Mobile Phones
This project aims to provide a database demonstration based on object deputy database model on mobile phone. The compilation part uses JavaCC, including the analysis of SQL statements such as creation, insertion, deletion, query and modification. The execution part contains the execution logic of the corresponding SQL statement. The storage part includes system table design, data file management, etc. File reading and writing all use the file interface of the Android system.

An Intelligent Trajectory-driven Outdoor Advertising Deployment Assistant
This project aims to demonstrate an Intelligent Trajectory-driven outdoor Advertising deployment Assistant, which assists users to find an optimal strategy for outdoor advertising deployment.