

Jinlong Li

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Education

- Cleveland State University**, Cleveland, OH 44115, USA. August 2021– Present
– PhD student in Electrical Engineering and Computer Sciences. Supervised by (Hongkai Yu)
- Chang'an University**, Xi'an 710064, China September 2018 –June 2021
– Master in Computer Science and Technology. Supervised by (Zhigang Xu)
– GPA: 3.28 / 4.0
- Chang'an University**, Xi'an 710064, China September 2014 – June 2018
– Bachelor in Road Bridge and River Crossing Engineering.
– GPA: 3.3 / 4.0

Research Interests

- Computer Vision, Machine Learning, Deep learning and Artificial Intelligence**
– Focusing on the innovative and practical solutions for real-world interdisciplinary researches by combining different methods.

Publications

- * Fu Lan, Hongkai Yu, Felix Juefei-Xu, **Jinlong Li**, Qing Guo, Song Wang. Let There be Light: Improved Traffic Surveillance via Detail Preserving Night-to-Day Transfer[J]. IEEE Transactions on Circuits and Systems for Video Technology, 2021. (**IF = 4.685**)
- * Ying Gao, **Jinlong Li**, Zhigang Xu, Zhangqi Liu, Xiangmo Zhao, Jianhua Chen. A novel image-based convolutional neural network approach for traffic congestion estimation[J]. Expert Systems with Applications, 2021:115037. (**IF = 6.954, the co-first author**)
- * **Jinlong Li**, Zhigang Xu, Lan Fu, Xuesong Zhou, Hongkai Yu. Domain adaptation from daytime to nighttime: A situation-sensitive vehicle detection and traffic flow parameter estimation framework[J]. Transportation Research Part C: Emerging Technologies, 2021, 124: 102946. (**IF= 8.089, the first author**)
- * XU Zhi-gang, **LI Jin-long**, et al. A Review on Intelligent Road and Its Related Key Technologies [J]. China Journal of Highway and Transport, 2019, 32(8): 1-24.(**EI Index**, in Chinese)
- * XU Zhi-gang, CHE Yan-li, **LI Jin-long**, et al. Research progress on automatic image processing technology for pavement distress[J]. Journal of Traffic and Transportation Engineering, 2019, 19(01): 172-190. (**EI Index**, in Chinese)

Conferences

- 2018 World Transport Convention (WTC) for Presentation**, June 2018 in Beijing, China
– The title is "A Review on Intelligent Road and Its Related Key Technologies"
- 2019 World Transport Convention (WTC) for Presentation**, June 2019 in Beijing, China
– The title is "A urban road congestion estimation method based on CNN and traffic surveillance video"
- 2020 Transportation Research Board (TRB) for Presentation**, Jan. 2020 in Washington DC, USA
– The title is "Domain Adaptation for Vehicle Detection in Traffic Surveillance Images from Daytime to Nighttime"

Awards

- Undergraduate period in Chang'an University** September 2014 – June 2018
– Awarded the 2015 National Encouragement Scholarship of Chang'an University;
– Awarded the 2018 Outstanding Graduate Cadres Award of Chang'an University;
- Master period in Chang'an University** September 2018 –June 2021
– Awarded the 2018 Postgraduate First Class Scholarship of Chang'an University;

- Awarded the 2019 Postgraduate First Class Scholarship of Chang'an University;
- Awarded the 2019 Outstanding Graduate student Award of Chang'an University;
- Awarded the 2020 Postgraduate Second Class Scholarship of Chang'an University;

Skills and Interests

Programming Languages and Frameworks

- Python, C++, Git, Pytorch, \LaTeX .

Languages

- Chinese, English.