

Junyan Su

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<https://sujunyan.github.io/>

EDUCATION

Nov.2020-present	City University of Hong Kong Ph.D. candidate in Data Science	Hong Kong, China
Sept.2015-Jun.2019	ShanghaiTech University B.E. in Computer Science and Technology	Shanghai, China
Aug.2018-May 2019	University of California at Berkeley Concurrent Enrollment Student at College of Engineering	CA, USA

PUBLICATIONS

Lin, Qiulin, Yanfang Mo, **Junyan Su**, and Minghua Chen. "Competitive Online Optimization with Multiple Inventories: A Divide-and-Conquer Approach." *Proceedings of the ACM on Measurement and Analysis of Computing Systems* 6, no. 2 (2022): 1-28.

Su, Junyan, Minghua Chen, and Haibo Zeng. "Energy efficient timely transportation: a comparative study of internal combustion trucks and electric trucks." In *Proceedings of the 8th ACM International Conference on Systems for Energy-Efficient Buildings, Cities, and Transportation*, pp. 224-225. 2021.

Gao, Ling, **Junyan Su**, Jiadi Cui, Xiangchen Zeng, Xin Peng, and Laurent Kneip. "Efficient globally-optimal correspondence-less visual odometry for planar ground vehicles." In *2020 IEEE International Conference on Robotics and Automation (ICRA)*, pp. 2696-2702. IEEE, 2020.

Jiang, Yuning, **Junyan Su**, Yuanming Shi, and Boris Houska. "Distributed Optimization for Massive Connectivity." *IEEE Wireless Communications Letters* 9, no. 9 (2020): 1412-1416.

HONORS & AWARDS

2016,2017	Scholarship for Academic Excellence, ShanghaiTech University
2019	Outstanding Graduate of ShanghaiTech University

EXPERIENCE

Jun.2018-Aug.2018	Robotics Institute Summer Scholars Program Advisors: Prof. Howie Choset & Lu Li To design one logic-circuit-level layout with Verilog to fetch data from multiple sensors and reduce CPU intervention time. The report can be found in pp.129-132 of pdf	Pittsburgh, PA, USA
Sept.2017-May 2018	Robomasters 2018 Advisor: Prof. Andre Rosendo RoboMaster is one international robotics competition. The competition is like multiplayer online battle arena (MOBA) video game. Each team will build their own robots that serve different functionality.	Nanjing, China

COURSE PROJECTS

Lego Pick & Place Assembler [\[website\]](#).
Turtlebot with Robotic Arm Delivery [\[website\]](#).
A Don't-Touch-Me Robot [\[website\]](#)
Completed and passed all the points in the [\[Pintos project\]](#)

TEACHING

Feb.2017-Jun.2017	Teaching Assistant of <i>Introduction to Information Science and Technology</i>
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Sept.2017-Jan.2018 Teaching Assistant of *Electric Circuits*