Junyan Su

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https://sujunyan.github.io/

EDUCATION

Nov.2020-present City University of Hong Kong

Hong Kong, China

Ph.D. candidate in Data Science

Shanghai, China

Sept.2015-Jun.2019 ShanghaiTech University

B.E. in Computer Science and Technology

Aug.2018-May 2019 University of California at Berkeley

CA, USA

Concurrent Enrollment Student at College of Engineering

PUBLICATIONS

J. Su, Y. Jiang, A. Bitlislioglu, C.N. Jones, B. Houska. Distributed Multi-building Coordination for Demand Response In Proceedings of the 21st IFAC World Congress Berlin, Germany, July, 2020.

Y. Jiang, **J. Su**, Y. Shi, B. Houska Distributed Optimization for Massive Connectivity IEEE Wireless Communication Letters, 2020.

L. Gao, **J. Su**, J. Cui, X. Zeng, X. Peng, and L. Kneip Efficient Globally-Optimal Correspondence-Less Visual Odometry for Planar Ground Vehicles International Conference on Robotics and Automation (ICRA), IEEE, 2020.

J. Su, Y. Zha, K. Wang, M.E. Villanueva, R. Paulen, B. Houska. Interval Superposition Arithmetic for Guaranteed Parameter Estimation, In Proceedings of the 12th IFAC Symposium on Dynamics and Control of Process Systems, Florianopolis, Brazil, April, 2019.

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

Pittsburgh, PA, USA

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]

Sept.2017-May 2018 Robomasters 2018

Nanjing, China

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.

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 Introduction to Information Science and Technology

Sept.2017-Jan.2018 Teaching Assistant of Electric Circuits