



Zhihao Liu

 Ph.D. Candidate, MIEEE, MACM

School of Information Engineering, Wuhan University of Technology
Wuhan, China, 430070

Email: zhhliu@whut.edu.cn • Web: www.zhihaoliu.com

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Education	<p>Guest Ph.D. KTH Royal Institute of Technology, Sweden. 2019 – 2021. • Robotics and Artificial Intelligence. Supervisor: Prof. Lihui Wang</p> <p>Ph.D. Wuhan University of Technology, China. 2018 – 2023. • Information and Communication Engineering. Supervisor: Prof. Quan Liu, Prof. Wenjun Xu</p> <p>M.Eng. Wuhan University of Technology, China. 2016 – 2018. • Information and Communication Engineering. Supervisor: Prof. Quan Liu, Prof. Wenjun Xu</p> <p>B.Eng. Wuhan University of Technology, China. 2012 – 2016. • Communication Engineering. Supervisor: Prof. Wenjun Xu</p>
Skills	<ul style="list-style-type: none"> • Deep Learning (Tensorflow, Pytorch) • Robotic Application Design (ROS, industrial robots such as ABB / KUKA, etc.) • Programming (Python, C, C#, Java, ABB RAPID, etc.) • WEB development (Html / CSS, Java Web, JavaScript, Database, etc.) • Hardware Design (Basic PCB, Embedded Systems, etc.) • Quadrotor Robot Design (Multiple sensors) • Project / Team Management / Student Supervision • Microsoft Office • Public Speaking and Presenting • Academic English
Selected Awards	<p>Academia</p> <ul style="list-style-type: none"> • Honorary Paper, 51st CIRP Conference on Manufacturing Systems, 2018 • Best Application Paper Award, 11st CIRP Conference on Industrial Product-Service Systems, 2019
Professional Experience	<p>Scholarship</p> <ul style="list-style-type: none"> • National Scholarship for Ph.D. Candidates, Ministry of Education, China, 2021 • 1st-class Scholarship for Ph.D. Candidates, Wuhan University of Technology, 2021 • 1st-class Scholarship for Ph.D. Freshmen, Wuhan University of Technology, 2018 • 1st-class Scholarship for Postgraduate Students, Wuhan University of Technology, 2017 • Outstanding Scholarship (above the 1st-class) for Postgraduate Freshmen, Wuhan University of Technology, 2016 <p>Honour</p> <ul style="list-style-type: none"> • Merit Postgraduate Students, Wuhan University of Technology, 2017 • Outstanding Graduate (Bachelor), Wuhan University of Technology, 2016 • Merit Student, School of Information Engineering, Wuhan University of Technology, 2015 <p>Professional</p> <ul style="list-style-type: none"> • Special Prize (above 1st Prize), TI (Texas Instruments) Undergraduate Electronics Design Contest in Hubei Province, 2014 • Research Assistant on proposal writing, slides making, team management, WUT. • Co-supervisor of the master student, KTH. • Member of Organizing Committee, ICIDM-IWAR 2018 international conference. • Student Mentor, National Undergraduate Electronics Design Contest, 2017 • Student Mentor, TI Cup Undergraduate Electronics Design Contest in Hubei Province, 2016 • Team Leader, a team of more than 12 master students, WUT.
Academic Performance	<p>Journal Papers: 7 (Web of Science indexed) Conference Papers: 11 Citations: 417 H-index: 11 (Google Scholar) Seminar and Conference Presentations: 15 Patents: 7 Software Copyright: 5</p>