

Yongfeng Zhong

Email: zhyf@whu.edu.cn

Phone: +86 185-012-20877

Skype ID: dido_yf

EDUCATION	University of Bonn , Germany (ARWU World Ranking: 87) Master of Computer Science (Research based) Cumulative GPA: 1.4/1.0 (highest distinction , equivalent of 3.8/4.0)	Oct 2013 – Mar 2016
	Institute of Scientific and Technical Information of China Master of Informatics Cumulative GPA: 4.0/4.0 (top 2 in class)	Sep 2010 –Jan 2013
	Wuhan University Bachelor of Information Management and Information System Major GPA: 3.6/4.0 (top 5 in class)	Sep 2006 –Jul 2010
ACADEMIC AWARDS	1st place RoboCup Design Award 4th place in the Humanoid League competition Excellent Graduate Students (3 out of 33) National Encouragement Scholarship (2 out of 58) Academic Innovation Scholarship (3 out of 58) National Scholarship (1 out of 58) (highest college scholarship in China)	2015, RoboCup 2015, RoboCup 2011, ISTIC 2009 Wuhan Univ. 2009 Wuhan Univ. 2006 Wuhan Univ.
SELECTED PUBLICATIONS	Google Scholar : H-index=4, citations=76 3) M. Beul, N. Krombach, Y. Zhong , D. Droeschel, M. Nieuwenhuisen, S. Behnke, A High-performance MAV for Autonomous Navigation in Complex 3D Environments, in <i>Proceedings of International Conference on Unmanned Aircraft Systems (ICUAS) 2015</i> , Denver, USA, Jun 2015. (Premier conference for unmanned aircraft systems) 2) P. Zhou, Y. Zhong* , M. Yu, A bibliometric investigation on UK-China collaboration, in food and agriculture in <i>Journal of Scientometrics</i> , 267-285, Dec 2013. (Top journal in information science (JCR Q1), impact factor: 3.073) 1) P. Zhou, Y. Zhong* , The citation-based indicator and combined impact indicator –new options for measuring impact, in <i>Journal of Informetrics</i> , 631-638, Oct 2012. (Top journal in information science (JCR Q1), impact factor: 4.410) <i>* indicates the first student author, and the first author was my academic supervisor.</i>	
PATENTS	5) 钟永沣 , 赵宇蕾, 周峰, 一种车辆定位方法及装置. CN111340877A. Jun 2020. 4) 张伟, 钟永沣 , 谭啸, 周峰, 孙昊, 丁二锐, 图像标签获取方法、图像标签获取装置以及电子设备. CN111104832A. May 2020. 3) Y. Zhong T. Xiao, F. Zhou, H. Sun, D. Errui, Measuring Method and Apparatus for Damaged Part of Vehicle. US Patent App. 16/565,683. Jan 2020. 2) 钟永沣 , 谭啸, 周峰, 孙昊, 丁二锐, 车辆损伤区域的测量方法和装置. CN109544623A Mar 2019. 1) 钟永沣 , 周峰, 用于识别菜品的方法和装置. CN108256474A. Jan 2018.	

EMPLOYMENT	Algorithm Research Group, Aibee Inc.	
	Tech lead	Jun 2019 – now
	<ul style="list-style-type: none"> • Leading a team to built intelligent staff and customer galleries for around 100 stores by using clustering techniques based on face/body features and ensemble features, the technical solution has reached to an industry leading position (purity: 99.7% merge rate: 99.0%). • Developed a robust 3D vehicle localization solution through the fusion of keypoint detection results from multiple views of cameras, the system performed well in hard testing sets containing a large number of partially visible cars (precision: 95% recall: 96%) 	
	Institute of Deep Learning (IDL), Baidu Research	
	Senior Research Engineer	Sep 2016 – Jun 2019
	<ul style="list-style-type: none"> • Applied deep learning techniques to fined-grained food recognition and retrieval with over 5000 categories, which has facilitated food rating in Nuomi App for over ten million users. • Developed a system for car damage classification and identification using various technologies of image processing and deep learning. (Baidu highest award nominee) 	
RESEARCH EXPERIENCE	DTAI Group, KU Leuven	Apr 2016 – Jun 2016
	Research Assitant Supervisor: Prof. Dr. Luc De Raedt	
	Project: <i>Relational symbol grounding through affordance learning in robotics</i>	
	Autonomous Intelligent Systems Group, University of Bonn	Apr 2015 – Apr 2016
	Thesis Student Supervisor: Prof. Dr. Sven Behnke	
	Project: <i>Utilizing the Structure of Field Lines for Efficient Soccer Robot 6-DoF Pose Tracking.</i>	
	<ul style="list-style-type: none"> • Developed robust robot learning and vision techniques to detect and and locate field lines, goal posts, obstacles, and used EKF/UKF/PF to track the robot poses in the robot soccer game. 	
	Autonomous Intelligent Systems Group, University of Bonn	Nov 2014 – Oct 2015
	Research Assistant Supervisor: Prof. Dr. Sven Behnke	
	Project: <i>DFG Research Unit 1505 "Mapping on Demand": Local Perception and 3D Navigation</i>	
	<ul style="list-style-type: none"> • Detected and localized AprilTags in the 3D environment using the images captured by the 6 cameras equipped on Micro aerial vehicles (MAV). Used the SLAM method to locate the MAV and build a map of the AprilTags simultaneously. 	
TEACHING EXPERIENCE	MA-INF 4114: Robot Learning (TA)	Apr 2015 –Sep 2015
	MA-INF 4111: Machine Learning (TA)	Nov 2014 – Mar 2015
REFERENCES	Prof. Dr. Sven Behnke	
	Head of Computer Science Department VI, Univ. of Bonn Head of Autonomous Intelligent Systems Group behnke@cs.uni-bonn.de • +49 (0) 228 73-4116	
	Prof. Dr. Ping Zhou	
	Department of Information Resources Management, at Zhejiang University pingzhou@zju.edu.cn • +86 571 56662189	