

Bo Yin

CONTACT INFORMATION	Ghent University (Ugent) Faculty of Engineering and Architecture Technologiepark-Zwijnaarde 126, 9052 Ghent, Belgium.	(+32) 0456-59-58-45 bborg.yin@gmail.com
EDUCATION BACKGROUND	Ghent University <i>Ph.D.</i> in Engineering. South China University of Technology <i>M.Eng.</i> in Information and Communication Engineering. <ul style="list-style-type: none">Average Points: 90.07/100 (Top 5%) South China University of Technology <i>B.Eng.</i> in Information Engineering. <ul style="list-style-type: none">CGPA: 3.81/4.0 (88.1/100) (Top 5%)	Ghent, Belgium <i>Oct. 2022 - Now</i> Guangdong, China <i>Sept. 2019 - Jul. 2022</i> Guangdong, China <i>Sept. 2015 - Jul. 2019</i>
PUBLICATIONS	Bo Yin, J. Tang, M. Wen, “Maximizing the Connectivity of Wireless Network Slicing Enabled Industrial Internet-of-Things”, <i>IEEE Global Commun. Conf. (GLOBECOM)</i> , Madrid, Spain, Dec. 2021. Bo Yin, J. Tang, M. Wen, “Connectivity Maximization in Non-orthogonal Network Slicing Enabled Industrial Internet-of-Things with Multiple Services”, submitted to <i>IEEE Transactions on Wireless Communications</i> .	
RESEARCH EXPERIENCE	Maximizing the Connectivity in Industrial Internet of Things (IIoT) <i>Member of Intelligent Communication Lab, SCUT</i> <ul style="list-style-type: none">Applied non-orthogonal multiple access (NOMA) to access massive devicesImplemented network slicing to enable various service types for IIoTFormulated the problem as a MINLP and solved by LR and SDR methods Construction of Face Recognition System on WeChat <i>Group leader</i> <ul style="list-style-type: none">Wrote WeChat mini programs, including front-end and back-end basic functionsConstructed the face sample data to train Resnet by Pytorch frameworkUtilized Flask framework to build a server configured with the Opencv Zero-Shot Learning of AI Challenger 2018 <i>Team leader</i> <ul style="list-style-type: none">Analyzed the data structure, including 230 categories and 359 attributesCombined Resnet and Matlab to capture the features and semantic spaceRanked 13th among 100+ teams in AI Challenger competition	2019–2022 2018–2019 2017–2018
HONORS & AWARDS	2019–2020 2018–2019 2017–2018 2016–2017	Award of Excellent Student Cadre, SCUT Award of Outstanding Contribution for Postgraduate Work, SCUT Honorable Mentions in Mathematical Contest In Modeling & Interdisciplinary Contest In Modeling (MCM/ICM), COMAP Chongqing Scholar Scholarship, Chongqing Govt (Top 1) National Encouragement Scholarship (Top 5) Second Prize in One-hundred-step Ladder Climbing Plan, SCUT Award of Merit Student, SCUT Award of Excellent Student Cadre, SCUT National Encouragement Scholarship (Top 5) Second Prize in Mathematics competition, SCUT First Prize of Guangdong Division in 25th Contemporary Undergraduate Mathematical Contest in Modeling, CSIAM (Top 5%)

ACADEMIC PARTICIPATION	School of Electronic and Information Engineering, SCUT	Jul 2021
	<ul style="list-style-type: none"> Academic Lecture, “<i>Mobile Edge Caching and Its Security and Privacy Concerns</i>” by Jianbing Ni, Assistant Professor, Queen’s University, Canada 	
	Shien-Ming Wu School of Intelligent Engineering, SCUT	May 2021
	<ul style="list-style-type: none"> Academic Lecture, “<i>Industrial AI and Smart Manufacturing</i>” by Jay Lee, Chair Professor, University of Cincinnati, OH, USA 	
	School of Electronic and Information Engineering, SCUT	Apr 2021
CAMPUS ACTIVITIES	<ul style="list-style-type: none"> Academic Lecture, “<i>Is Shannon’s Law Still Valid in 6G ?</i>” by Jianguo Ma (IEEE Fellow), Distinguished Professor, Guangdong University of Technology, China 	
	Shien-Ming Wu School of Intelligent Engineering, SCUT	Mar 2021
	<ul style="list-style-type: none"> Academic Lecture, “<i>Edge Intelligent for Internet of Things</i>” by Yan Zhang (IEEE Fellow), Professor, University of Oslo, Norway 	
	ICC 2020 Virtual Platform	Jun 2020
	<ul style="list-style-type: none"> IEEE Lecture, <i>IEEE International Conference on Communications</i> by IEEE Communications Society 	
RELEVANT SKILLS	Teaching Assistant, Shien-Ming Wu SIE, SCUT	2019–2020
	<ul style="list-style-type: none"> Assisted the teacher in the <i>Introduction to Computer & Programming</i> course Collaborated with the teacher to design 1th <i>introduction to engineering</i> exhibition 	
	Student, SCUT	2016–2019
	<ul style="list-style-type: none"> Guided and participated in the 31st Graduate Congress of SCUT. Organized and led the class to win the Best Creative Award in Class Competition 	
	Language: Chinese (Native), English	
	Programming: Matlab, Python, C/C++	
	Platform: Windows, Linux	