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EDUCATION	Ph.D. in Electrical Engineering (minor in CS), Iowa State University, Ames IA, 4.0/4.0 12/2014		12/2014
	B. S. in Automation, Zhejiang University, Hangzhou China		06/2009
RESEARCH	Systems and Control: Model predictive control, optimal control, stochastic processes, event-triggered control		
Interests	Artificial Intelligence: Reinforcement learning, deep learning, time series, generative adversary network		
	Intelligent Vehicles: Autonomous vehicle, electric vehicle, battery control, vehicle dynamics, co-simulation		
	Power & Energy : Hybrid energy systems, renewable energy, power electronics, battery, economic analysis		
	Discrete Event and Hybrid Systems: failure diagnosis and prognosis, resiliency, privacy, verification		
EMPLOYMENT	Assistant Professor, ECE Deptartment, Oakland Univer	rsity, Rochester MI, USA	08/2020–present
	Senior Control Systems Engineer, General Motors, Milford MI, USA		01/2017-08/2020
	R&D Scientist in Power and Energy Systems, Idaho National Laboratory, ID, USA		11/2014–12/2016
	Summer Intern in Software V&V, General Motors R&D, MI, USA		04/2014-07/2014
	Research Assistant in Stochastic Hybrid Systems, Iowa State University, IA, USA		01/2011-10/2014
	Teaching Assistant in Electrical Engineering, Iowa State University, IA, USA		01/2011-12/2013
	Research Assistant in System Identification, University of Central Florida, FL, USA		08/2009–12/2010
Honors and	NSF CAREER Award, National Science Foundation		2022
RECOGNITIONS	IEEE Best Paper Award, IEEE Transactions on Autom	ation Science and Engineering	2016
	Best Paper Award, IEEE International Conference on E	Electro-Information Technology	2023
	Faculty Recognition Award for Research, Oakland University Associate Editor, IEEE International Conference on Robotics and Automation		2023
			2020
	IEEE Senior Member		2020
	Associate Editor, IEEE Conference on Control Technol-	ogy and Applications	2023-present
	Associate Editor, IET Cyber-Systems and Robotics		2022-present
	Associate Editor, IFAC International Symposium on Ad	lvances in Automotive Control	2022
	Undergraduate Research Competition Winner (my ac	lvisee), ASME ICE Division	2022
	INL Publication Achievement Award, Idaho National	Laboratory	2016
	Research Excellence Award, Iowa State University		2014
	Student Travel Award, American Control Conference		2014
	Provost Graduate Fellowship, University of Central Florida Third Class Scholarship for Undergraduate Student, Zhejiang University		2009–2010
			2008
	Outstanding Student, Zhejiang University		2008
PUBLICATIONS	(Students under my close supervision are marked in <u>underline</u> ; corresponding author is marked by *)		

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- [2] Yiran Hu, David Edwards, Michael Paratore Jr, Min Sun, **Jun Chen**, Eugene Gonze and Sergio Quelhas, "Method and Apparatus for Control of Propulsion System Warmup Based on Engine Wall Temperature," U.S. Patent No. 11078825 B2, August 3, 2021.

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- [27] Zhaodong Zhou, Christopher Rother and Jun Chen*, "Event-Triggered Model Predictive Control for Autonomous Vehicle Path Tracking: Validation using CARLA Simulator," *IEEE Transactions on Intelligent Vehicles*, (Accepted for Publication April 2023).
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