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EDUCATION	Ph.D. in Electrical Engineering (minor in CS), Iowa State University, Ames IA, 4.0/4.0	12/2014	
	B. S. in Automation, Zhejiang University, Hangzhou China	06/2009	
RESEARCH INTERESTS	Systems and Control: Model predictive control, optimal control, stochastic processes, event-triggered control		
	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 University, Rochester MI, USA	08/2020-present	
	Senior Control Systems Engineer, General Motors, Milford MI, USA	01/2017-08/2020	
	R&D Scientist in <i>Power and Energy Systems</i> , 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 RECOGNITIONS	NSF CAREER Award, National Science Foundation	2022	
	Associate Editor, IEEE International Conference on Robotics and Automation	2020	
	IEEE Best Paper Award, IEEE Transactions on Automation Science and Engineering	2016	
	IEEE Senior Member	2020	
	Associate Editor, IEEE Conference on Control Technology and Applications	2023-present	
	Associate Editor, IET Cyber-Systems and Robotics	2022-present	
	Associate Editor, IFAC International Symposium on Advances in Automotive Control	2022-present	
	Undergraduate Research Competition Winner (my advisee), 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	2009–2010	
	Third Class Scholarship for Undergraduate Student, Zhejiang University	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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- [24] **Jun Chen***, Xiangyu Meng and Weinan Gao, "Preface: Recent Advances on Learning-Based Control Theory and Application," *International Journal of Modelling, Identification and Control*, volume 43, number 3, March 2023.
- [23] Ali Irshayyid and Jun Chen*, "Comparative Study of Cooperative Platoon Merging Control Based on Reinforcement Learning," *Sensors*, volume 23, number 2-990, pages 1–23, January 2023.
- [22] **Jun Chen***, Zhaodong Zhou, Ziwei Zhou, Xia Wang and Boryann Liaw, "Impact of Battery Cell Imbalance on Electric Vehicle Range," *Green Energy and Intelligent Transportation*, volume 1, number 3, pages 1–8, December 2022.
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- [20] **Jun Chen*** and Junhui Zhao, "Generating Synthetic Wind Speed Scenarios using Artificial Neural Networks for Probabilistic Analysis of Hybrid Energy Systems," *International Journal of Modelling, Identification and Control*, volume 41, number 3, pages 183–192, July 2022.
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- [22] Ranya Badawi and **Jun Chen***, "Enhancing Enumeration-Based Model Predictive Control for DC-DC Boost Converter with Event-Triggered Control," *European Control Conference*, London, UK, July 12–15, 2022.
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- [20] Shan Huang and Jun Chen*, "Event-triggered Model Predictive Control for Autonomous Vehicle with Rear Steering," 2022 SAE World Congress, Detroit, MI, April 5–7, 2022.
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