My name is Qixiu Cheng (程启秀). I am an incoming Assistant Professor (UK Lecturer, Permanent Contract) in AI and Big Data Analytics at the University of Bristol Business School. Prior to joining the University of Bristol, I was a Research Assistant Professor (RAP) in the Department of Logistics and Maritime Studies at The Hong Kong Polytechnic University. I obtained my Ph.D. in Transportation Engineering from Southeast University, China in March 2021.

I’m now focusing on exploring smart mobility systems with quantitative methods from multiple disciplines, e.g., transportation engineering, operations research, statistical analysis, and artificial intelligence. I am broadly interested in the research topics on transportation network modeling and optimization, freeway traffic management and control, and transportation big data analytics and urban informatics. Considering the emerging trends in the era of self-driving vehicles, I recently worked on the multi-source data-driven traffic flow theories with mixed traditional human-driven vehicles and emerging autonomous vehicles.