Raj Rajkumar

Professor at Carnegie Mellon University

Pittsburgh, PA, US

Raj Rajkumar researches ways to safely bring your vehicle to life with information technology.

Biography

Raj Rajkumar is a professor in the Department of Electrical and Computer Engineering. He is the director of Metro21, Carnegie Mellon University's campus-wide initiative on Smart Cities, and the US Department of Transportation's Mobility21 National University Transportation Center. Rajkumar is thinking of ways to safely bring your vehicle to life with information technology ? giving you a car that will know and help you, inform and entertain you, and even take care of itself like a proper traveling companion. That includes connected and autonomous driving, cyber-physical systems, embedded and real-time systems and wired/wireless networking. Rajkumar is exploring the many intricate engineering domains of vehicle operation in a quest for some answers to what's possible in the cars of tomorrow.

Industry Expertise

Automotive, Information Technology and Services, Computer Networking, Computer Hardware, Computer Software

Areas of Expertise

Wired/Wireless Networking, Cyber-Physical Systems , Autonomous Driving, Embedded and Real-Time Systems

Education

Carnegie Mellon University
Ph.D. Electrical and Computer Engineering

Carnegie Mellon University
M.S. Electrical and Computer Engineering

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