

Justin is a PhD candidate in the department of Civil and Environmental Engineering at Stanford University, co-advised by Ram Rajagopal in the Sustainable Systems Lab and Marco Pavone in the Autonomous Systems Lab (Aeronautics and Astronautics). Justin's research focuses on the integration of autonomous electric vehicle fleets with the power grid, in particular identifying synergies with renewable energy resources integration. His current autonomous EV fleet projects include charging station siting and sizing, grid-coordinated charging, and an optimization toolkit for emissions-aware planning and operations. Justin has obtained a MS in Electrical Engineering at Stanford in 2020 and a BS in Energy Engineering at the University of California, Berkeley in 2018.