

Stanford



Justin T. H. Luke

- Ph.D. Student in Civil and Environmental Engineering, admitted Spring 2019
- Masters Student in Civil and Environmental Engineering, admitted Autumn 2018

Bio

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Justin's mission is to secure a sustainable and livable planet for all through tech innovation, entrepreneurship, and informing policy. He seeks to design green cities and achieve deep carbon cuts by pursuing research in renewable energy systems, smart grids, and autonomous electrified transportation.

At Stanford University, Justin is a Ph.D. student in Civil and Environmental Engineering (Energy Systems). Previously, Justin obtained his M.S. in Electrical Engineering at Stanford and B.S. in Energy Engineering at the University of California, Berkeley, with a minor degree in Electrical Engineering Computer Science (EECS).

LinkedIn: <https://www.linkedin.com/in/justin-luke/>

HONORS AND AWARDS

- School of Engineering Graduate Fellowship, Stanford University (April 2018)

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Graduate Student Researcher, Bits & Watts (2018 - present)

EDUCATION AND CERTIFICATIONS

- B.S., University of California, Berkeley | College of Engineering, Energy Engineering major; Electrical Engineering Computer Science minor (2018)

Publications

PUBLICATIONS

- **Using CPE Function to Size Capacitor Storage for Electric Vehicles and Quantifying Battery Degradation during Different Driving Cycles** *ENERGIES*
Zhang, C., Min, H., Yu, Y., Wang, D., Luke, J., Opila, D., Saxena, S.
2016; 9 (11)