FENGYU ZHOU

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EDUCATION

California Institute of Technology   *September 2016 - Present*
Ph.D. Student in Electrical Engineering   Overall GPA: 4.1/4.0

Tsinghua University   *August 2012 - June 2016*
Bachelor in Electronic Engineering   Overall GPA: 94.27/100

The University of Texas at Austin   *August 2014 - December 2014*
Exchange Student in Electrical Engineering   Overall GPA: 4.0/4.0

PUBLICATIONS

1. F. Zhou, J. Anderson, and S. H. Low, *The Optimal Power Flow Operator: Theory and Computation*, submitted.
2. F. Zhou, Y. Chen, and S. H. Low, *Sufficient Conditions for Exact Semidefinite Relaxation of Optimal Power Flow in Unbalanced Multiphase Radial Networks*, accepted to Conference on Decision and Control (CDC). IEEE, Dec. 2019.
3. F. Zhou, J. Anderson, and S. H. Low, *Differential Privacy of Aggregated DC Optimal Power Flow Data*, American Control Conference (ACC). IEEE, July 2019; Best Student Paper Finalist.
4. J. Anderson, F. Zhou, and S. H. Low, *Disaggregation for Networked Power Systems*, Power Systems Computation Conference (PSCC). IEEE, June 2018.
5. F. Zhou and Y. Shen, *On the Outage Probability of Localization in Randomly Deployed Wireless Networks*, IEEE Communications Letters, vol. 21, no. 4, pp. 901-904, April 2017.
6. F. Yang, F. Zhou, and Y. Shen, *On the Existence of Infinite Localizable Nodes in Stochastic Networks*, International Conference on Communications (ICC). IEEE, 2018.
7. F. Zhou et al., *Extending the Frequency Range of Surface Plasmon Polariton Mode with Meta-Material*, Nano-Micro Letters, vol. 9, no. 1, p. 9, Sep. 2016.

SELECTED AWARDS AND HONORS

- Best Student Paper Award Finalist in 2019 American Control Conference   *2019*
- Citadel/CorrelationOne Datathon SoCal (rank #2)   *2017*
- Bloomberg Code Contest at Caltech (rank #3)   *2016*
- Tsinghua University Excellent Graduate (top 1%)   *2016*
- December 9th Scholarship (top 1% of students, for outstanding overall performance)   *2014*
- Singapore Technologies Engineering Scholarship (top 2%, for academic excellence)   *2014, 2015*
- Second Prize (top 6%) in Contemporary Undergraduate Mathematical Modeling Contest   *2014*
- Honorable Mention in COMAP Mathematical Contest In Modeling   *2015*
- UT-Austin Rams Horn Best Project Award   *2014*

WORKING EXPERIENCE

iRobot (Software Engineer Intern)   *June 2017 - September 2017*
nuro (Software Engineer Intern)   *June 2019 - September 2019*