

Junjie Yin

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Education

Southeast University (SEU)

MS in Electrical Engineering

Nanjing

Sep. 2020 - Jun. 2023

North China Electrical Power University (NCEPU)

BS in Smart Grid Information Engineering

Beijing

Sep. 2016 - Jun. 2020

Technical Skills

Programming

Matlab, C, Python

Professional Softwares

Simulink, PLECS, Mathcad, PSCAD, RT-Box, Multisim, CVX, IBM Cplex, Yalmip

Drawing & Typesetting

Photoshop, Illustrator, SketchUp, Office, L^AT_EX, Beamer

Languages

English, Mandarin (Native)

Publications

- [1] J. Yin, J. Wang*, J. You, et al. "Integrated Energy System Optimal Operation in Coal District with Hydrogen Heavy Trucks," *Frontiers in Energy Research*, 9:748673, 2021. [\[Link\]](#)
- [2] J. Yin, Y. Chen*, G. Sang, et al. "QoE-Oriented Rate Control and Resource Allocation for Cognitive M2M Communication in Spectrum-Sharing OFDM Networks," *IEEE Access*, 7:43318-43330, 2019. [\[Link\]](#)

Research Projects

Research on Active and Rapid Support Technology of Transient Frequency and Voltage for Photovoltaic/Wind Farm Stations

Beijing

National Key Research and Development Program of China (No. 2021YFB2400500)

Dec. 2021 - Nov. 2025

Research on Distribution Network Planning and Power Supply Restoration Technology Facing the Reliability Needs of End Users

Tianjin

State Grid Corporation Headquarters Technology Project (No. 5400-202012118A-0-0-00)

Jan. 2020 - Dec. 2021

Research on Friendly Grid-Supporting and Online Evaluation Technology of New Energy for Bilateral Service between Factory and Grid

Yangzhou

Jiangsu Power Grid Corporation Scientific Research Project (No. J2021012)

Jun. 2021 - Dec. 2022

Research on Interaction and Coupling Characteristics of Multi-energy Flow in Integrated Energy System

Changzhou

Jiangsu Power Grid Corporation Scientific Research Project (No. J2019082)

Sep. 2019 - Dec. 2020

Awards and Honors

Oct. 2020-2022	Scholarship: "Graduate Scholarship of SEU" (2 Times), "Graduate Scholarship of NR Electric Co., Ltd"	Nanjing
Nov. 2020	Contest: Second Prize of China in "National Post-Graduate Mathematical Contest in Modeling"	Shanghai
Jun. 2020	Honorary Title: "Excellent Graduate of Beijing"	Beijing
Nov. 2019	Contest: First Prize of Beijing in "Contemporary Undergraduate Mathematical Contest in Modeling"	Beijing
Oct. 2017-2019	Scholarship: "Undergraduate Scholarship" (3 Times), "Scholarship of Beijing Banner Electric Co., Ltd"	Beijing
Sep. 2017-2019	Honorary Title: "Outstanding Student Leaders" (2 Times), "Distinction Student"	Beijing

Volunteer Services

IEEE ACCESS, IEEE Transactions on Industry Applications

ScholarOne Website

Peer Reviewer

Oct. 2020 - Present

Huizhou Electric Power Co., Ltd, China Southern Power Grid

Huizhou

Intern

Jul. 2019 - Aug. 2019

School of Electrical and Electronic Engineering, North China Electric Power University

Beijing

Student Leader

Feb. 2016 - Jun. 2020