

Yifan Dong

(+1) 765-772-6685 — dong391@purdue.edu — <https://yd815.github.io/yifan.dong.1/>

EDUCATION

Purdue University, West Lafayette, IN
Ph.D. in Electrical and Computer Engineering
Advisor: Prof. Junjie Qin

Aug. 2023 - May. 2028 (expected)

North China Electric Power University, Beijing, China
B.Eng. in Electrical Engineering

Sept. 2019 - June. 2023

EXPERIENCE

Purdue University
Research Assistant

West Lafayette, IN
Aug. 2023 - Present

- Conducting research on Dynamic Wireless Power Transfer (DWPT): Allocating power for active vehicles on electric roadway.

North China Electric Power University
Research Assistant

Beijing, China
Dec. 2021 - Aug. 2021

- Conducting research on design of Dual Resonance Hybrid Active Power Filter: Designing circuit parameters of both the active part and passive part, aiming at finding a balance between the better performance and lower cost.

High-power Devices Reliability Laboratory
Undergraduate Intern

Beijing, China
Feb. 2021 - Aug. 2021

- Conducting research on Power Cycling Test for Power Semiconductor Devices: Testing and reducing the electrical measurement noise.

HONORS & AWARDS

- 2020, 2021 and 2022 First-Class Academic Performance Scholarship (Top 5%).
- 2020 Chinese Mathematics Competition, Second Prize of National.
- 2022 Engineering Design and Expressing Competition, Second Prize of Beijing.

SKILLS

- **Programming:** C Language, MATLAB, Python.
- **Software:** Microsoft Word, Excel and PowerPoint, Visio, LaTeX, Solidworks.
- **Communication:** Mandarin and English.