



WANG KAI
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Theoretical knowledge
C++ Python
HTML CSS
Matlab
HFSS

🎓 EDUCATION

Southeast University (SEU), Nanjing, Jiangsu 2022 – Present

Master candidate in Electromagnetic Field and Microwave Technology (EE)

Xidian University(XDU), Xi'an, Shaanxi 2018 – 2022

B.E. in Electronic and Information Engineering (EE)

🐾 EXPERIENCE

Dual-band common-aperture horn antenna 2021 – 2022

HFSS, Undergraduate thesis Antenna simulation design

Brief introduction: The corresponding specifications of the antenna are up to standard, and more excellent performances are achieved:

- Good pattern equalization
- Dual-polarization
- High isolation

FPGA Bank call system 2020 – 2021

Verilog Digital circuit design

Brief introduction: The bank call system was programmed on Quartus II and run successfully on the Altera Cyclone III board provided in experiment.

Voice amplification circuit 2019 – 2020

Multisim Analog circuit design

Voice signal processing 2019 – 2020

Matlab FFT processing

Brief introduction: Through signal filtering, Separate vocals from audio.

♡ HONORS AND AWARDS

First-class Scholarship, Award on Xidian University May. 2019

School Outstanding Student 2020

📌 MISCELLANEOUS

- Blog: <https://onecanx.github.io>
- Hobby: Write Blogs, binge-watch, listen to music
- Languages: English - Fluent, Mandarin - Native speaker