

RYUSHANE

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🎓 EDUCATION BACKGROUND

BeiHang University (BUAA)

2020/09 – 2023/06

Master of Information and Communication Engineering

- Research Topics: Optimization and acceleration of Convolutional neural network on FPGA
- *1st Prize* of freshman merit scholarship
- Merit Student of BUAA

BeiHang University (BUAA)

2016/09 – 2020/06

Bachelor of Electronics and Information Engineering

- GPA: 3.78/4.00, *Ranking*: Top 5%
- Beijing Outstanding Graduate(Top %5), *1st Prize* on NUEDC, *1st Prize* on CUMCM

👤 EXPERIENCE

ASIC Design and Verification in NVIDIA

2022/05 – 2023/01

- Purpose: Get a internship experience and hope to convert.
- Result: Develop a tools which is gorgeous for ASIC team and improve our development efficiency.

xx-based Network

2021/10 – 2022/11

- Purpose: I need to get a master degree.
- Method: Data collection, using xx method.
- Result: Achieving a 114514x speedup compared to Raspberry Pi 3b.

Wireless transceiver system for two-way voice simultaneous transmission

2020/07 – 2021/04

- Purpose: Get some comprehensive quantification for postgraduate recommendation.
- Method: Ride the dalao's coattails.
- Result: The signal is very good, came to BUPT for comprehensive test. Both preliminary examination and comprehensive test scores are highest. But we did not advance to the national competition. As a polytechnic man I think it's really cool and fits my fantasy about NUEDC.

⚙️ SKILLS

- Proficient in using Verilog for FPGA development, familiar with the Vivado development environment.
- Proficient in Python / C programming, familiar with Tcl scripting and Linux development environment.
- CET-6

📍 CAMPUS ACTIVITIES

- Vice President of the Classical Department, publishes the magazine "Ice Tang" at the Cultural Festival, helps the 2-F class to deduce the ending of the movie, participates in the riddle-guessing and cooking competitions at the Cultural Festival, and participates in the New Year's Day worship and the Hatchling Festival outside of school.