Wangqian Miao

Ph.D Candidate

Kuang Yaming Honors School

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Education

2019	**Ph.D Candidate** *in Physics* The Hong Kong University of Science and Technology
2018	**Major** *in Physics*, **Minor** *in Computer Science* Nanjing University, Kuang Yaming Hornors School

Experience

12/2018 – 04/2019	*Software Developer Intern* Horizon Robotics, Nanjing, China
03/2018 – 06/2018	*Global Exchange Student* University of California, Davis, USA

Research Interests

- High Performance Scientific Computation
- Large Scale Quantum Monte Carlo Method
- First Principle Caculation in Condensed Matter Physics

Awards & Honors

2015	Elite Project for perspective students in Science, NJU, China
2017	Second Class Elite Project Scholarship, NJU, China
2017	Second Class People's Scholarship, NJU, China
2017	Third Grade Award (20th Forum of Sciences & Arts), NJU, China

Programming Project

2018	**NEMU** – NEMU(NJU Emulator) is one part of NJU Project-N and it is a simple but complete full-system X86 emulator designed for teaching purpose. Small X86 programs can run under NEMU. https://github.com/NJU-ProjectN/nemu

Expertise & Skills

Languages   Mandarin Chinese, English.

Programming   C, C++, Python, LaTeX.