

# Jaewoo Park

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## Education

**Ulsan National Institute of Science and Technology**  
*Undergraduate Student in School of New UNISTars*

2021 – Present  
UNIST

## Experience

### Undergraduate Researcher

*Centered Symmetric Quantizer*

- DNN Quantization
- DNN Pruning
- Low-bit precision Quantization

2021 – Present  
ICCL, UNIST

### Private Research

*Operating System Development*

- x86
- Virtual Memory Support
- File system Support
- Multitasking support

2012 - Present

### Private Research

*RISC-V Virtual Machine*

- VirtIO
- UART

2019 - Present

### Private Research

*RISC-V CPU Development*

2019 - Present

## Publications

**DSLR Photometry of the Eclipsing Binary u. Her ISEF 2020 - Society of Science, 2020 . p. 225-231.**

Jaewoo Park

**Centered Symmetric Quantizer (Expected to be accepted on NIPS, 2021)**

Jaewoo Park, Prof. Jongeun Lee

## Technical Skills, Language Skills, and Interests

**OS:** Linux, Mac OS

**Programming Languages:** C, Python, Haskell, LISP, Verilog, HLS, Assembly (x86, ARM, MIPS, RISC-V)

**Libraries:** numpy, pytorch

**Writing:**  $\text{\LaTeX}$ , Office

**Languages:** Korean (native), English (fluent)

**Interests:** Physics