

# Curriculum Vitae

## Yongmin Jo



T. +82-10-2030-1429/F. +82-52-217-3008/[whdydals22@unist.ac.kr](mailto:whdydals22@unist.ac.kr)  
Ulsan National Institute of Science and Technology  
UNIST Gil-50(689-798), Ulsan, Republic of KOREA

---

### AFFILIATION

Undergraduate Student (2014~present)  
Ulsan National Institute of Science & Technology (UNIST)  
UNIST-gil 50, Ulsan Metropolitan City, Republic of Korea, 689-798

### EDUCATION

Researcher of Nuclear Engineering  
•1<sup>st</sup> track : Nuclear Science & Engineering  
•2<sup>nd</sup> track : Physics  
•UNIST, Ulsan, Korea, (2014.3 - Present)

### WORK EXPERIENCE

Computational Reactor Physics and Experiment Lab(UNIST, Ulsan Republic of Korea / Prof. Deokjung Lee)

- Validation of MCS, Monte Carlo Code developed in Computational Reactor Physics and Experiment Lab(July 2016~Present)
- Undergraduate Research Opportunities Program in University of Illinois Urbana-Champaign (Dec 2016~ Feb 2017)

### CERTIFICATES

- Awards & Scholarship
  - National Scholarship & Academic Performance Scholarship (2014.3~Present)
- Computer Skills
  - MATLAB, C, C++, Python
- Reactor Physics Code Skills
  - MCNP, SERPENT, MCS, SCALE, PARCS, STREAM

### GPA

- 3.50

### UNDERGRADUATE COURSES TAKEN

- Nuclear Engineering
  - Introduction to Nuclear Reliability Engineering
  - Introduction to Nuclear Fuel Cycle Engineering
  - Introduction to Nuclear Reactor Theory
  - Nuclear Chemical Engineering
  - Nuclear Materials Eng & Experiment

Oct 11,2017

-Fundamentals of  
Nuclear Engineering  
-Radioactive Waste  
Management

-Nuclear Reactor Numerical Analysis

•Physics

-Thermal and Statistical Physics

-Fluid Mechanics

-Quantum Physics

-Electromagnetism

-Classical Mechanics

-Introduction to

Computational Physics

-Modern Physics

•Mathematics

-Mathematical Analysis

-Differential Equations

-Calculus