

Curriculum Vitae

Yongmin Jo



T. +82-10-2030-1429/F. +82-52-217-3008/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
•1st track : Nuclear Science & Engineering
•2nd 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
 - 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