

# CURRICULUM VITAE

## VUTHEAM DOS

November, 08<sup>th</sup> 1991



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### EDUCATIONAL QUALIFICATIONS

- Ulsan National Institute of Science and Technology (UNIST), Ulsan, South Korea Sep. 2017~ Now
  - 1<sup>st</sup> semester of Master program (Nuclear Engineering)
- Seoul National University, Seoul, Korea 2013-2017
  - Bachelor of Science (Nuclear Engineering)
- Ewha Woman University, Seoul, Korea 2012-2013
  - Korean Language Course
- University of Battambang, Cambodia 2009-2011
  - Majored in Civil Engineering

### RESEARCH INTEREST

- Validation and verification of using Monte Carlo method
- Nuclear reactor analysis using Monte Carlo method

### LAB SKILLS

- Programming Language /Software/code
  - Fundamental in Matlab, C and Fortran
  - Fundamental in MCNP, MCS, CAD

### ACADEMIC AWARDS / SCHOLARSHIPS

- Korean Government Scholarship
  - Seoul National University, South Korea 2013-2017
  - Ewha Woman University, South Korea 2012-2013
- Cambodian Government Scholarship at University of Battambang, Cambodia 2009-2011

### WORKING EXPERIENCE / INTERNSHIPS

- Interned at Computational Reactor Physics and Experiment Laboratory (CORE) Research Division of Mechanical and Nuclear Engineering 2017 Mar~Sep

Ulsan National Institute of Science and Technology (UNIST), 50  
UNIST-gil, Ulsan 44919, Republic of Korea

- Advisor: Prof. Deokjung Lee (Ph.D.)
- Seoul National University, South Korea
  - Worked at NUIDEA laboratory research to optimize the core reloading pattern of MTR type research reactor using evolutionary method (Genetic Algorithm) 2016  
Sept-Dec
  - Advisor: Prof. Kune Yull Suh (Ph.D.)
- Interned at the Future& Challenge Tech Co., Ltd, South Korea 2016  
Jan~Feb
  - Worked in department of Reliability Engineering, researched on the Probabilistic Safety Assessment (PSA); especially on ISLOCA

### International and Domestic Conferences

- **Vutheam Dos**, Hyunsuk Lee, Yunki Jo, Deokjung Lee\*, Change Je Park, “Verification of MCS Model of the Jordan Research and Training Reactor for Neutronic Calculations”, RPHA17, Chengdu, Sichuan, China, August 24-25 (2017) [Oral presentation]

### Languages

- **Khmer** - Native
- **English** - TOEIC 800/990
- **Korean** - Topik level 4