

Curriculum Vitae

Lezani van der Merwe

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AFFILIATION

1st semester in Doctoral Program
Ulsan National Institute of Science & Technology (UNIST)
UNIST-gil 50, Ulsan Metropolitan City, Republic of Korea, 44919

EDUCATION

Master of Engineering

- Major: Nuclear Powerplant Engineering (2016.02-2018.01)
- Kepco International Nuclear Graduate School (KINGS), 658-91 Haemaji-ro, Seosaeng-myeon, Ulju-gun, Ulsan, Republic of Korea, 45014
- Thesis topic: Reactivity Balance for a Soluble Boron Free Small Modular Reactor
- Advisor: Prof. Chang Joo Hah

Bachelor of Engineering

- Major: Mechanical Engineering (2008.02-2015.09)
- University of Pretoria, Lynnwood Road, Hatfield, Pretoria, 0002, Republic of South Africa

WORK

EXPERIENCE

Undergraduate Programming Tutor

- University of Pretoria, Lynnwood Road, Hatfield, Pretoria, 0002, Republic of South Africa (2013.02-2013.06)

Student Practical Training (Mechanical Design Engineer)

- Denel Land Systems, 368 Selborne Avenue, Lyttelton, Centurion, 0140, Republic of South Africa (2010.12-2011.01, 2011.06-2011.07, 2011.11-2012.02, 2012.06, 2012.12-2013.02)

Undergraduate Physics Practical Demonstrator

- University of Pretoria, Lynnwood Road, Hatfield, Pretoria, 0002, Republic of South Africa (2012.02-2012.06)

Katjeepering House Representative (RAG)

- University of Pretoria, Lynnwood Road, Hatfield, Pretoria, 0002, Republic of South Africa (2010.09-2011.08)

Highschool Physics and Mathematics Tutor

- Pretoria, Republic of South Africa (2010.04-2011.06)

**RESEARCH
INTERESTS**

(to be added)

PUBLICATIONS

1. **Lezani van der Merwe**, Chang Joo Hah, "Reactivity Balance for a Soluble Boron Free Small Modular Reactor," Nuclear Engineering and Technology, <https://doi.org/10.1016/j.net.2018.01.019> (2018)

**INTERNATIONAL
AND DOMESTIC
CONFERENCES**

1. **Lezani van der Merwe**, Chang Joo Hah, "Control Rod Worth Requirement Based on Reactivity Balance for a Soluble Boron Free Small Modular Reactor"