

Hyejeong Cheon

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WORK EXPERIENCES

Student assistant

Department of Physics, NTNU

Aug 2019 – Dec 2019 Trondheim, Norway

- Helped students with understanding lectures and exercises (Energy and environmental physics; TFY4300).

Student assistant

Likevektprogrammet Curie, NTNU

Jan 2018 – Jan 2019 Trondheim, Norway

- Created an inspired learning environment for equality of gender, age and ethnic.

Research engineer

SK Hynix Semiconductor Inc.

Jan 2015 – Jul 2017 Icheon, Republic of Korea

- Developed 3D NAND Flash memory devices and analysed qualitative data, especially for the diffusion process.

Undergraduate research assistant

Complex Biomaterials and Tissue Engineering Lab., Chung-ang Univ.

Jun 2011 – Dec 2013 Seoul, Republic of Korea

- Researched the effect of electric stimuli to growth rate and differentiation of cells on graphene substrate.

EDUCATION

Ph.D. in Physics

PoreLab, NTNU (Norwegian University of Science and Technology)

Aug 2020 – Present Trondheim, Norway

- Study numerical methods for solving differential equations about two-phase flow in porous media.

M. Sc. in Physics

NTNU (Norwegian University of Science and Technology)

Aug 2017 – Aug 2019 Trondheim, Norway

- Specialized in about molecular simulations.

Exchange student in Physics

Umeå University

Jan 2014 – Jun 2014 Umeå, Sweden

- Studied Quantum mechanics, Fluid mechanics, Electromagnetism and Arctic science.

B. Eng. in Nano Bio Materials Science and Engineering

Chung-Ang University

Mar 2011 – Feb 2015 Seoul, Republic of Korea

- Specialized in biocompatible nanomaterials.

PUBLICATIONS

Patent

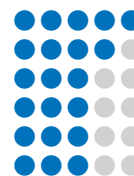
- Insu Park, Kihong Lee and Hyejeong Cheon (Jan. 2018). "3D semiconductor memory device and manufacturing method thereof". US Patent 9,859,299.

KEYWORDS

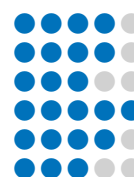
Self-motivated Initiative Teamwork
Willingness to learn Hard-working

IT SKILLS

Python
Java
Fortran
Matlab
Julia
C/C++



Git
Linux
Google Cloud
MS Office
SPSS
COMSOL Multiphysics



LANGUAGES

English
Norwegian
Korean



ACADEMIC EXPERIENCES

- Poster presentation - Monte Carlo simulation of self-assembled nanogel (EKC 2018).
- Oral presentation - Monte Carlo simulation of halloysite nanotube (Nordic Polymer Days 2019).

COURSES & CERTIFICATES

- Getting Started with Google Kubernetes Engine (Google Cloud, Dec 2019).
- End-to-End Machine Learning with TensorFlow on GCP (Google Cloud, Jul 2019).
- Launching into Machine Learning (Google Cloud, Apr 2019).

MISCELLANEOUS

- Worked as a host (UKA in 2017 and Umeå Open music festival in 2014).
- Worked as a waitress in an Italian restaurant (BistroN, 2012 - 2014).
- Volunteered for farming (Seoul metropolitan government, 2012).
- Worked as a representative of a class in Integrative engineering (CAU, 2012).

REFERENCES

References will be provided on request.