

HYEJEONG CHEON

Who like biology and love mathematics

28 Jul 1992 hyejungchj@gmail.com +47 486 86 196 Arnes bergsgårds veg 4 7033, Trondheim, Norway
 [hyejeonc.github.io](https://github.com/hyejeonc) www.linkedin.com/in/hyejeonc github.com/hyejeonc

WORK EXPERIENCE

Research engineer
SK Hynix Semiconductor Inc.

- Jan 2015 – July 2017 Icheon, Republic of Korea
- Studied deposition of dielectric materials and diffusion processes.
 - Analyzed physical and chemical properties of layers by microscopy and spectroscopy.
 - Set up ALD (Atomic Layer Deposition) machine and participated 48-stacked and 96-stacked NAND flash devices.

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

- June 2011 – Dec 2013 Seoul, Republic of Korea
- Designed cell culture shell for biocompatible material with electric stimuli.
 - Synthesized Graphene layer and culturing cells on graphene substrate.

EDUCATION

M. Sc. in Physics
NTNU (Norwegian University of Science and Technology)

- Aug 2017 – (present) 2019 Trondheim, Norway
- Specialize in Biophysics and Bioinformatics.
 - Thesis “Monte Carlo simulation of halloysite nanotube : Study of polyelectrolyte conformation”

Exchange student in Physics
Umeå University

- Jan 2014 – June 2014 Umeå, Sweden
- Enjoyed practical courses with lab sessions, such as Arctic science, Quantum physics, Fluid mechanics and Electromagnetics.

B. Eng. in Nanobiomaterials
Chung-Ang University

- Mar 2011 – Feb 2015 Seoul, Republic of Korea
- Experienced various types of subjects in department of Integrative engineering and Natural science.
 - Thesis “Effect of electric stimuli to MC3T3-E1 cell on graphene substrate”

CERTIFICATE & PUBLICATIONS

Patent

- Park, In Su, Ki Hong Lee, and Hye Jeong Cheon (2018). “3D semiconductor memory device and manufacturing method thereof”. US Patent 9,859,299.

Course

- Coursera (2019). *Launching into Machine Learning (Google Cloud)*.

KEYWORDS

- Self-motivated
- Team work
- Challenging
- Hard-working

IT SKILLS

- Python ●●●●●●●●
Fortran ●●●●●●●●
MATLAB ●●●●●●●●
Git ●●●●●●●●
LaTeX ●●●●●●●●

- SPSS ●●●●●●●●
MS office ●●●●●●●●

LANGUAGES

- English ●●●●●●●●
Norwegian ●●●●●●●●
Korean ●●●●●●●●

COMMUNICATION SKILLS

Posters

- Monte Carlo simulation of self-assembled nanogel. (Europe-Korea Conference on Science and Technology 2018)

HOBBIES

- Creative works as writing and drawing.
- Team-based sports or games.

EXTRA EXPERIENCES

- Worked as an organizer in Likevektprogrammet Curie, NTNU (1 year).
- Volunteered as a hostess, UKA17.
- Worked as a server in an restaurant (2 years).

REFEREES

Rita de Sousa Dias
 Associate Professor, NTNU
 rita.dias@ntnu.no

Kihong Lee
 Research Fellow, SK Hynix Inc.
 kihong.lee@sk.com

Donghyun Lee
 Associate professor, Chung-Ang Univ.
 dhlee@cau.ac.kr