HYEJEONG CHEON

Master student in Computational biology and Bioinformatics

28 Jul 1992, Republic of Korea | @ hyejungchj@gmail.com | 486 86 196 | Hans Finnes gate 6, 7043 Trondheim
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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 – Aug 2019 | Trondheim, Norway

- Specialized in Biophysics and Bioinformatics.
- Thesis: Monte Carlo simulation of halloysite nanotube and polyelectrolyte.

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

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

Course

- Coursera (2019). *Launching into Machine Learning, End-to-End Machine Learning with TensorFlow (Google Cloud).*

KEYWORDS

Self-motivated | Initiative | Teamwork | Willingness to learn

IT SKILLS

Python	●●●●○
Fortran	●●●○○
MATLAB	●●●○○
Git	●●●●○
LaTeX	●●●●●
SPSS	●●●●○
MS office	●●●●●

LANGUAGES

English	●●●●○
Norwegian	●●○○○
Korean	●●●●●

ACADEMIC EXPERIENCES

Posters

- Monte Carlo simulation of self-assembled nanogel. (Europe-Korea Conference on Science and Technology 2018)
- Monte Carlo simulation of halloysite nanotube. (Nordic Polymer Days 2019)

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

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