



Personal Information
Dayoung Lee
Korea, Republic of

Personal Characteristic

- Adaptable
- Curious
- Pioneering

Research Interests

- Bioinformatics
- Machine Learning
- Personal Medication
- Drug Design
- Big Data

Contact
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EDUCATION

Mar.2018 ~ Feb.2022 • **School of Systems Biomedical Science (B.Sc)**
Bioinformatics Major
Life Science Major
total grade : 3.92 of 4.5 (Best grade is 4.5)

Oct.2022 ~ Until Now • **Life Science Informatics (M.Sc)**
Now in 1st Semester

EXPIERENCIES

Biomedical Data Science Lab.

- Student Assistant / Researcher
- Sep.2021 ~ Feb.2022 / Mar.2022 ~ Aug.2022
- Participated Project
 - Sep.2021 ~ Dec.2021 • Usage of CT images as an Biomarker to Detect EGF R and KRAS Mutation in NSCLC (Non-Small Cell Lung Cancer) Patient Using Machine Learning
 - Dec.2021 ~ Until Now • Survival Analysis and Feature Selection Using XAI
- Lab meetings
 - : Introduce articles related to reasearch interests
 - Improved presentation and comunication skills
 - Acquired advanced knowledge of the field
- Enhanced knowledge in Machine Learning and Biodata analysis

Assistant at Disabled Student Support Center in University

- Mar.2019 ~ Jun.2020
- Provided assistance to disabled student for taking classes
- Improved communication skills with various people and got knowledge about disability

Skills

Language Skills

- Native Speaker for Korean
- Advanced English (B2) : TOEFL iBT 91 (MyBestScore) / 88 (In single test)
- Basic German (A1)
- Have learned Chinese, Spanish, Japanese

Computational Skills

- Computer Languages : Python, R, C/C++, Linux
- Productivity Software
 - : Microsoft Office (MS Excel, MS word, MS powerpoint)

EXTRA-CURRICULAR ACTIVITIES

Exchange Student Program in Germany

- OTH Regensburg (Technical University of Applied Sciences), Electrical Engineering Major
- Improved communication skills and ability to build relationships with various cultural background
- Completed German basic courses : Deutsch für Anfänger (Stufe A1)
- Acquired advanced knowledge of biotechnology and electrical engineering : Sensors in Biotechnology

College Student Talent Volunteer Camp

Aug.2019 • 19th Summer College Student Camp

Aug.2020 • 21st Summer College Student Camp

- Tutoring basic subjects and Organizing recreation program
- Enhanced communication, team working and handling large-scale project skills

Computational Language Study Club Activity Apr.2018 ~ Nov.2018

- Learned basic computational language : Python, C
- Personal project : making game program using python and C

Workshop & Conference

- **AIAI 2022 Workshop** 11.Jan.2022 ~ 13.Jan.2022

- Practice data analysis with Machine Learning
- Acquired knowledge about Machine Learning and working in the field

- **KSBi - BIML 2022 Workshop** 16.Feb.2022 ~ 26.Feb.2022

- Bioinformatics & Machine Learning (BIML) Workshop for Life Scientists
- Introduction to Next Generation Sequencing data analysis with Galaxy
- Chemoinformatics
- Single-cell RNA-sequencing Analysis of Cancer

- **16th Asian Institute in Statistical Genetics and Genomics Workshop** 19.Jul.2022 ~ 22.Jul.2022

- Epigenome Data Analysis
- Multi-omics Data Analysis

Funding

National Science and Engineering Undergraduate Scholarship

- Korea Student Aid Foundation, Mar.2020 ~ Feb.2022
₩4,046,000 [≒€3,000] per semester (₩16,184,000 [≒€12,000] in total)