



**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)

Mar.2018 ~ Feb.2022 • **Life Science Informatics (M.Sc)**  
Now in 1<sup>st</sup> 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

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## 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

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