Personal Information
Dayoung Lee
Korea, Republic of

Personal Characteristic
- Adaptable
- Curious
- Pioneering

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

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EDUCATION

Mar.2015 ~ Feb.2018
High School Diploma
Soongsil Girl's High School - Science Focus Course

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)

EXPIERENCIES

Biomedical Data Science Lab.
- Student Assistant / Researcher
- Sep.2021 ~ Feb.2022 / Mar.2022 ~ Until Now
- Participated Project

Sep.2021 ~ Dec.2021
Usage of CT images as an Biomarker to Detect EGFR 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++, Scratch
- 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 Seqeuncing data analysis with Galaxy
    • Chemoinformatics
    • Single-cell RNA-sequencing Analysis of Cancer

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)