박경욱 (Daniel Park)

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Education	**Yonsei University (Major: Artificial Intelligence)**	**Starting from March 2022**
	- GPA: 4.21 / 4.3	
	University of California, San Diego (Major: Computer Science)	**September 2021-December 2021**
	- GPA: 4.0 / 4.0	

Notable Achievements

Won 1st place in Yonsei Collegiate Programming Competition (YCPC)	**November 2023**
Won 23rd place in 2024 ICPC Asia Pacific Championship	**March 2024**

Took 26th place in the 2024 ICPC Asia Seoul Regional and advanced to the 2024 ICPC Asia Pacific Championship held in Vietnam.

Won an Encouragement Award at the 'Hackathon to Solve Social Problems'	**April 2024**

Intending to save energy in Jeju Island, we predict the solar, wind, and electric power using a time series model. We visualize the prediction to the website using Reactjs and Django.

Won Academic (Grand/Honor/Excellence) Awards	**Starting from January 2024**

Won 1) Grand Award at 1st semester, 2) Honor Award at 3rd and 4th semester, and 3) Excellence Award at 2nd semester

Internship **Internship at RLLAB**	**Starting from July 2024**

Activities

UCSD Triton Robosub Club - Member	**September 2021-February 2022**

Prepared for the Robosub competition. Led the 6DOF project which used ROS2 to track the movement and rotation using the keyboard module.

Student Council - Committee	**March 2022-December 2023**

As a first-year student in the Department of Artificial Intelligence, I managed and organized orientation programs and various departmental events. Additionally, as a publicity team member, I was responsible for promoting departmental events and creating designs.

Euphonia Yonsei Amateur Orchestra Club - Member	**Starting from March 2022**

I played the clarinet in the orchestra club. During the semester, I participated in small concerts within the club and exchange events with other universities. During the vacation, I practiced three days a week for eight hours each day and participated in three concerts.

PoolC Programming Club in School of Engineering - Member	**September 2022-December 2023**

I developed a one-on-one game using Unity and participated in various artificial intelligence studies and seminars, including reinforcement learning.

Molgorithm Competitive Programming Club - Committee	**Starting from January 2023**

I contributed to the establishment of the club bylaws and founded and operated a general division for students who were not proficient in coding. As a mentor, I guided the students in the general division and selected relevant problems for them.

ICPC Sinchon - Committee	**Starting from December 2023**

As a member of the Student Management Team, I organized and conducted programming camps held during vacations. As a mentor, I reviewed instructional materials and problems. Additionally, as part of the Program Management Team, I contributed to developing the website necessary for the camp, focusing on the front-end and web scraping.

YBIGTA Big Data Conference - Member   **Starting from January 2023**

I participated in a "Social Problem-solving Hackathon" on Jeju Island with YBIGTA members, focusing on resolving energy issues, and received an encouragement award. In preparation for the Kaggle competition "Plant Traits Prediction," I developed models using CNN, Swin Transformer, and XGBoost Regression. Additionally, during the semester, I read various papers on topics including Transformer and Chain-of-Thought through a paper reading study group. Currently, I am working on a project during the semester to classify YouTube videos by category and create a service that recommends videos based on users' desired categories.

Tutoring Data Structure - Tutor   **Starting from June 2023**

I tutor my juniors in data structures every break.

Skills

Programming Languages: C++ / Python / Java / Javascript / HTML / CSS / MATLAB / C
Languages: Korean / English
Hobbies: Watching baseball games / Playing clarinet / Cube