

HYOWON LEE

Developer ~ Data Analyst

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SUMMARY

Passionate and ambitious individual adept at integrating new knowledge into projects, with a strong inclination for sharing ideas across diverse fields to foster creativity. Demonstrates readiness to take on responsibilities and effectively execute tasks in the assigned role.

SKILLS

Languages: SQL, Python, JavaScript, HTML, CSS, C, Racket.

Technologies: Microsoft office suite, Git, Github, Latex

Soft Skills: Communication, Leadership, Time Management

PROJECTS

- SQL / Python **Financing Program** [hyoseo837/cash-flow.git](#)
In the role of Data Team Leader for the project, developed pSQL code for efficient storage and retrieval of data while maintaining effective communication with other team members.
- Python **Nonogram game algorithm** [hyowon2jjang/Nonogram.git](#)
Initiated the development of a Nonogram program using Pygame, incorporating insights from class to efficiently generate accurate solutions through algorithmic processes.
- JS / CSS **Interactive Screen design project** [hyowon2jjang/Interactive-Screen.git](#)
Derived inspiration from various sources to create a dynamic screen showcasing designs that express personal ideas and emotions, including elements like Purple Rain, Art Bubbles, Animal Tail, and more.
- JS / CSS **Phantom traffic jams visualization project** [hyowon2jjang/Phantom-traffic-jam.git](#)
Implemented the principles of phantom traffic jams to simulate car motion and visualized the results on a highway simulation using JavaScript and CSS.

EDUCATION

- 8/2023 - Present **Candidate for Mathematics, Honours Mathematics** [University of Waterloo](#)
Advanced Linear Algebra, Advanced Calculus
- 10/2023 - 1/2024 **Machine Learning, Certificate** [Coursera](#)
Completed an online course providing an introduction to Machine Learning.
- 8/2020- 6/2023 **International Baccalaureate Diploma** [American School of Warsaw](#)
38 IB score, member in Math club, Jazz band, orchestra, Amnesty International, School News, etc
- 3/2019 - 6/2020 **Korean High School Program** [ShinSung High School](#)
Facilitated in various club activities and programs, Astronomy club leader, Debate club member

EXPERIENCE

- 6/2022 - 5/2023 **Ukraine Refugee Center Volunteer** [Global Expo Refugee Center, Poland](#)
 - Facilitated a Korean Art class for 50 Ukrainian children, guiding them in creating bracelets for good luck.
 - Provided solace to refugees through a Christmas orchestra concert, delivering a heartfelt performance in front of over 100 Ukrainian kids.
 - Engaged in recreational activities with children and facilitated collaborative art projects.
- 3/2019 - 5/2020 **Book Club 'Dawn' Leader** [ShinSung High School, South Korea](#)
 - Curated a diverse selection of books spanning various genres and contentious subjects from asking different subject teacher's book recommendation for the weekly discussion meetings.
 - Managed and recorded debates, summarizing discussions involving approximately 10 participants for documentation and analysis with Microsoft Word and Excel.
- 5/2008 - 2/2020 **Community Enrollment and Educational Volunteer** [LABO Language Laboratory, South Korea](#)
 - Language Education Supporter at LABO Camp, facilitating language learning and fostering a multicultural environment through singing in various languages for over 150 children.
 - Performed plays in three languages (English, Japanese, Chinese) in front of audiences exceeding 100, emphasizing clear pronunciation and vivid cultural descriptions.
 - Hosted homestays for over 30 foreign students, actively introducing them to Korean culture.

LANGUAGES

English - fluent, Korean - native, Spanish - elementary