

T: [REDACTED]

August 2022~Present  
Pittsburgh, PA

May 2022

Consistently Achieved Honor Roll- Award of Excellence, Academic Excellence in English & Social Studies *Seoul, South Korea*

**Teaching Teacher's Assistant, [REDACTED]** Jun 2022~Aug 2022  
- Worked to teach Level 1 (lowest level) students College Board SAT Reading and Writing, 6 hours a day, 5 days a week by formulating a unique curriculum consisting of review and repetition.

Jun 2022~Aug 2022

## Ambassador, SeoulHacks 3

Oct 2020~Nov 2020

- Coordinated Hackathon for international school students in Asia to present their novel research in technology for Covid-19.
- Managed communication with students to form teams and contacted mentors and lecturers to organize opportunities to learn.

***Intern, Korea Federation for Environmental Movements***

Jun 2019~Aug 2019

- Participated in creating the Barrier Free Guide to provide guidance for the disabled populations to travel to environmental locations.
- Analyzed, translated, and arranged documents regarding Environmental and Barrier Free Issues to raise awareness.

Primary Researcher, Independent Disciplinary Research	Jun 2021~Nov 2021
- Investigated the use of a neural network in detection of abnormal behaviors by utilizing a modified Google's EfficientNet.	

Jun 2021~Nov 2021

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**Researcher, Independent Disciplinary Research**

May 2019~Nov 2020

[REDACTED]  
[REDACTED]  
[REDACTED] a “Complex Deep Learning Model Predicting Bacterial Growth” (CLBG) was created to predict PET degrading *E Coli* growth.

**Team Captain, SCIENCE CLUB & STEM CLUB** Aug 2018~May 2022

- Led team project for Conrad Challenge and gaining title of Conrad Innovators through company “Votabee,” which addressed non-renewable energy sources through alternative energy tiles that uses walking movement to create electricity.
- Implemented “Trello” and other project management tools to prioritize and delegate work amongst members.

Aug 2018~May 2022

- Led team project for Conrad Challenge and gaining title of Conrad Innovators through company “Votabee,” which addressed non-renewable energy sources through alternative energy tiles that uses walking movement to create electricity.
- Implemented “Trello” and other project management tools to prioritize and delegate work amongst members.

**Youth Committee, SEOUL METROPOLITAN CITY GOVERNMENT**

Mar 2021~Mar 2022

- Participating member of Safety and Environment division picked for representation in Seoul youth Council.
- Led development of policy proposals surrounding better recycling education in Korean Public Schools especially through technology and science-oriented resolutions.

***Secretary, Vice President (12<sup>th</sup>)*** [REDACTED] CODING CLUB

Aug 2018~May 2022

- Managed beginner group, consisting of all high school grades, in learning algorithms such as Binary Search, Greedy, and more through coordinated workshops.
- Provided guidance by creating and advising a community of coders on individually paced creative projects using HTML and CSS.

**Co-Founder, TOYS UPCYCLING**

May 2019~May 2022

- Host educational panels, fundraising events, and workshops to educate community on necessity of addressing waste crisis.
- Awarded funding from 9<sup>th</sup> Annual Samsung Engineering and Environment Clubs Competition for creativity and impact.

## Ambassador, SEOULHACKS 3

Oct~Nov 2020

- Coordinated hackathon for international school students across Asia to present technology research for COVID-19 strategies.
- Managed student and teacher communication prior to events and organized industry professional-led learning opportunities, while facilitating the operation of SeoulHacks during the online competition by leading group discussions and dealing with logistics.

**Languages:** Fluency in Korean and limited proficiency in Chinese.  
**Programming Languages:** Python, C++, HTML, CSS, (USACO Gold).  
**Other Interests:** Piano, Trombone, Wakeboarding, Debate (Led school to 2nd Place in KAIAC), and Cheerleading.