

Chan Lee
DOB: 10/02/2002

Personal Website

<https://chanlee2020.wixsite.com/chanlee>

Personal Website Using HTML (Constantly Being Developed)

<https://chanlee20.github.io/portfolio/interest.html>

Awards and Honors

K-League Chess Competition Division I: 1st Place (2018)
KAIAC Strings Festival Platinum Award (2018~2020)
Teen Ink: Special Recognition for Realistic Fiction Story (2018)
English Speaking Union Korea Speech Competition: Special Recognition (2018)
KAIAC Varsity Swimming: Male Division 1st Place (2018)
KAIAC Chess Most Improved Player Award (2017)
High School GPA Honor Roll (2018, 2019, 2020)

Test Scores

SAT I: 1520 / Super Score 1570
SAT II Physics: 800
SAT II Chemistry: 790
SAT II Math 2C: 800
Toefl: 113/120

Languages

English (Fluent)
Korean (Fluent)
Spanish (Intermediate)
German (Intermediate)

Work Experience

AAA Hero Academy: Full-time Academic Consultant (2021 June~July)
-Communicated with undergraduate and graduate students who sought for pursuing their academic career in the States. Guided them through the procedure and analyzed their strengths and weaknesses.

Swaton Academy: Office Assistant (2020 May~Aug)
-Assisted parents and customers to the academic curriculum that they were looking for. Gave them essential information and guided them through the questions they had about the service.

Plasma Academy: Sales Assistant (2020 Jan~Feb)
-Spread advertisement for the academy to the target audience composed of AMC test takers and their parents. Gave over 200 posters to parents and directly connected parents to the tutors at the spot.

Academic Enrichment

Carnegie Mellon, AP/EA Pre-College Program: Student (2019); 36hrs/week, 6 weeks/year

-Completed *Introduction to Electrical and Computer Engineering* and *Fundamentals of Chemical Engineering*. Learned to process arduinos, assembly code, Op-Amps, and circuits.

E Consumer Association, Energy Explorer Camp: Participant (2018); 40 hours/week, 1 week/year

-Observed how electrical energy is generated at the SK Energy Co., Korea Hydro & Nuclear Power Co., and Ulsan EW Thermoelectric Power Plant.

-Taught Korea's energy history, from coal mining and harnessing nuclear power to generating renewable energies today.

Seoul National University, DYROS Robot School: Student (2018); 12 hours/week, 2 weeks/year

-Learned basic C to control robot movement and functions. Created and tested a mini transportation vehicle to follow simple functions (i.e., following a route led by black lines, stopping when sensing an object in the way, and incorporating a light sensor to automate movements).

Seoul National University, Engineering Dream Camp: Participant (2018); 18 hours/week, 3 weeks/year

-Enrolled in *Introduction to Engineering: Mechanics, Computer Science, and Electrical Engineering*. Created a model car, bridge, and crane out of raw materials and competed with other groups to test the most sturdy model.

-Participated in E-CON, a Startup Challenge where I designed a cooling pack attached to clothing. Secured three investors and received \$2,100 seed money.

Personal Projects

Airbag Test Trials in Autonomous Vehicles: Researcher (2018~2019); 2 hours/week, 36 weeks/year

-Read *Fundamentals of Classical Thermodynamics* written by Gordon J. van Wylen and Richard E. Sonntag, watched videos on the history of airbags, and researched airbag studies to understand their mechanism and function.

-Developed a research plan to test airbag effectiveness in various seating positions. Submitted proposal to the Korea Scholar's Conference for Youth.

Chessbook (2019~2020); 4 hours/week, 20 weeks/year

-Created an online app where chess players can post games to spur discussions about live news and trending puzzles in the chess community. Real-world chess events and tournaments can also be posted.

Extracurricular Activities

Vice President, UNICEF (2017~2020); 1 hour/week; 36 weeks/year

-Organize and run fundraisers such as food sales and talent shows to raise money. Donate proceeds to build homeless shelters in Cambodia.

Varsity Swimming: Manager (2018) 10 hours/week, 10 weeks/year

-Selected as manager by my school's swim coach because of my experience, organizational abilities, and knowledge of proper swimming strokes.

Chess Club: President (2017~2020); 3 hour/week, 36 weeks/year

-Train with mentors and members to compete at the varsity level Korean-American Interscholastic Activities Conference (KAIAC). Advise younger members and organize afternoon practice sessions two weeks before competitions.

-Won third place (2019), second place twice (2018) and most improved player award (2017).

Math Club: Member (2017~2020); 1 hour/week, 36 weeks/year

-Solve math problems to prepare for the United Kingdom Mathematics Trust (UKMT), Purple Comet, Log1, and The Canadian Open Mathematics Challenge (COMC), and American Mathematics Competition (AMC).

UNICEF Cambodia: Vice President (2017~2020); 40 hours/week, 1 week/year

- Was the only student in class of 2020 who was able to attend this event for 4 years straight.

-Selected to attend a week-long service trip in Cambodia. Prepared traditional Korean games and songs to engage young students in cultural exchange at two elementary schools. Cleaned the roads in front of the schools to prevent motorcycle accidents.

Inner Circle K-League Chess Team: Member (2017~2018); 5 hours/week, 24 weeks/year

-Won first place and \$1500 award for Division I against adult competition.