

Daewon (Leon) Kang

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Education

Brea Olinda High School, Class of 2023

Weighted GPA of 4.75, Unweighted GPA of 3.93

Enrolled in: AP Computer Science A, AP English Language and Composition, Korean 4 Honors, AP Calculus BC, AP Physics , AP US/ Comparative Government

Relevant Experiences

Robotics (2020 - present)

- Programmed for team robotics during the 2021, 2022, and 2023 season using Java, helping the team advance to the world championships held in Houston, TX, for two years straight
- Won the team's first regional as the highest ranked robot against many world class teams.
- Consistently participated in daily several hour meetings to ensure that the robot was well-programmed and efficient

High School Coding Projects (2020 - present)

- Gained experience with Python through the “Joy of Coding” course offered by the University of Michigan
- Developed a variety apps in languages such as Java, Javascript, C#, and HTML such as a VR boxing game, scouting website, and classic video games such as pong or tetris
- Created and hosted a website to display my previous projects and some information about myself, daewk.gitstudent.online/index.html

The Boeing Company (June 10, 2022 - August 5, 2022)

- Created accurate physics models to simulate wildfires in different locations of the United States, creating countermeasures to measure their total efficiency to find the best possible architecture
 - Voted as IPT lead by intern group and was responsible for organizing and hosting events such as career talks, site tours, bonfire bondings, and project design workshops
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Leadership and Awards

Vice President of the 3D Modeling Club (2021 - present)

- Served as a mentor for students wanting to learn 3D modeling using the software Blender

Chief Technology Officer of the Brea E-Sports Club (2021 - present)

- Overlooked the technical components of our ESports competitions to ensure proper functioning

AP Scholar with Distinction

- 5 - AP Calculus BC, AP US History, AP World History, AP Computer Science Principles
 - 4 - AP Physics 1, AP European History
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Additional Skills and Interests

Languages: Knowledge in Korean

Additional Clubs: Key Club, Rotary, LadyIT, 3D Modeling, Robotics, E-Sports, Track and Field