Daewon (Leon) Kang

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EDUCATION

Brea Olinda High School   *Aug 2019 - May 2023*
- Weighted GPA of 4.75 Unweighted GPA of 3.93

University of California, Davis   *Sep 2023 - Jun 2027*
- Bachelor of Science in Computer Science and Engineering

PROFESSIONAL EXPERIENCE

Data Entry Specialist | UC Davis Institute of Transportation Studies   *Sep 2023 - Current*
- Efficiently digitized the responses to paper questionnaires measuring current and future travel-related attitudes and behavior, administered to a random sample of California residents
- Applied machine learning models in data sets to further process information and find solutions to transportation issues relevant for all Californians

Lead Programmer | FIRST Robotics   *Jun 2020 - May 2023*
- Led the schoolwide robotics team and propelled qualification to World Championships for two consecutive years as the senior programmer, being placed as one of the top 8 teams in our division for both years
- Consistently participated in daily meetings by actively programming, modifying, and implementing novel features on the robot for maximum efficiency
- Directed the team's first regional win as the highest ranked robot against other competitive world-class teams

Systems Engineering | The Boeing Company   *Jun 2022 - Aug 2022*
- Achieved STK Grand Master Certification and applied physics models to simulate wildfires in different locations of the United States, developing several countermeasures and computing relevant variables to find the most efficient architecture for fire-fighting
- Voted as the representative Integrated Product Team Lead by group members and committed to organizing and hosting engaging events including site tours, career talks, and project design workshops

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LEADERSHIP & AWARDS

Vice President | Brea 3D Modeling Club   *Aug 2021 - May 2023*
- Served as a mentor for students interested in 3D modeling using Blender, making the software program accessible

Chief Technology Officer | Brea E-Sports Club   *Aug 2021 - May 2023*
- Handled various technical operations of E-Sports competitions to ensure an even playing field by limiting hardware errors, while also fostering values of fairness and community within the club

Member | Korean Honors Society   *Aug 2022 - May 2023*
- Met requirements for displaying fluency in Korean and dedicating many hours volunteering for the nearby Korean-American community, as well as promoting interest in Korean culture and language

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SKILLS AND INTERESTS:

- Skills: Microsoft Suite, Google Suite, Systems Tool Kit, Blender, Github, Java, Javascript, Python, C#, C++, R, HTML, Flutter, Dart, Unity, Data Science, Agile, Data Analytics, Project Management
- Languages: Conversational in Korean
- Sports: Track and Field (Sprinting, Hurdling)