

Derek K. Xu

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OBJECTIVE	To pursue a major in an engineering or computer science field
EDUCATION	Dublin High School, Dublin, CA - <i>August 2018 - Present</i> CURRENTLY A SENIOR, ENGINEERING ACADEMY MEMBER <ul style="list-style-type: none">• Weighted GPA: 4.59• Relevant Courses:<ul style="list-style-type: none">◦ AP Calculus BC◦ AP Computer Science Applications◦ Principles of Engineering Honors◦ Digital Electronics Honors◦ AP Chemistry◦ AP Physics C Mechanics and Electricity & Magnetism (self-studied)
VOLUNTEER EXPERIENCE	Valley Children's Museum, Dublin, CA - <i>October 2018 - August 2020</i> TEEN LEADERSHIP COUNCIL MEMBER, CHILDREN'S ASSISTANT <ul style="list-style-type: none">• Planning, setting up, and assisting kids with activities, such as crafts, experiments, and sensory play activities• Producing a video/hosting an activity for first virtual event during COVID-19
EXTRACURRICULAR ACTIVITIES	School Clubs: <ul style="list-style-type: none">• Gael Force Robotics - <i>September 2018 - May 2019</i> ACADEMY MEMBER<ul style="list-style-type: none">◦ Built a VEX competition robot with other academy members• Dublin High School Physics Club - <i>September 2019 - February 2021</i><ul style="list-style-type: none">◦ Learning physics concepts◦ Discussing and solving problems with other students◦ Participate in the F=ma physics olympiad in late January
SKILLS	Foreign Languages <ul style="list-style-type: none">• Intermediate Chinese (Completed AP Chinese) Computer Skills <ul style="list-style-type: none">• Programming languages: HTML, CSS, Command line, Git, Python, SQL, JavaScript, C, C++, Java• Pair computer programming<ul style="list-style-type: none">◦ Explaining the code for another programmer to write◦ Writing the code the other programmer describes• Google Products: Drive, Docs, Slides, Sheets, Drawings, Forms, Sites• Microsoft Word Other Skills <ul style="list-style-type: none">• Advanced math skills (Participated in math competitions: AMC 10/12, AIME, MOEMS, Mathcounts)<ul style="list-style-type: none">◦ Won Perfect Score award for MOEMS◦ 2-time AIME qualifier