

Matthew Kang

Objective:

Build academic skills to actively pursue a career in engineering

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Education

Dublin High School

08/2016 - Present

Majors of Interest: Mechanical Engineering, Business

Colleges of Interest: USC, UCLA, MIT, Stanford

Relevant Courses: AP Biology, AP Chemistry, AP Statistics, AP Calc AB, Honors Chemistry, Precalculus/Trig, Algebra II/Trig, Geometry, Principles of Engineering & Computer Science Principles

Cumulative GPA: 4.43

CA CAL Grant GPA: 3.93

Weighted 10-12 A-G GPA: 4.64

Experience

Dublin Mayor's Council - *Project Manager/Executive Board*

07/2018- Present

- Created a Mental Health Awareness Group committed to assisting students in need who may be extremely stressed, suffer from depression or may have suicidal thoughts.
- Promote a positive environment where free open-mindedness discussion is encouraged, either in groups or in one-on-one sessions where students become more aware of their peers
- Created spirit week, organized activities during the week, created a short video regarding mental health, created a website/public forum, coordinated an Assembly in regard to Mental Health at DHS, invited guest speakers Integrated, founded a Peer Counseling system

Dublin High School Freshman Mentorship Program - *Executive Board Member*

05/2018 - Present

- An organization dedicated to mentoring high school freshmen; allow for a smoother transition from middle school
- Create activities for all FMPs to participate in and media slides. Help Coordinate FMP Training Days.
- Mentor 33 freshmen in a classroom setting.

Korean Parent Association - *Book club Mentor*

06/2016 - Present

- Encourage a lifetime love of reading through student lead book clubs for Korean-American youth where English may not be their first language.
- Promote Korean Culture through events designed to spread awareness in the general public and to sponsor pride in those with a Korean heritage.
- Book Club leader for three years and have taught grades between K through 5 to read, discuss and analyze books assigned monthly through interactive activities.

Gael Force VEX Robotics Club - *VEX 5327A Team Member*

08/2017 - 05/2018

- Active Member of the 2017-2018 season team that qualified for the 2018 Worlds VEX Robotics Championships at Kentucky
- Team ranked 19th out of 30,000 for 2018 VEX Robotics Skills Competition (March 2018)

Fallon Middle School California Junior Scholarship Federation - *Vice President*

05/2015 - 05/2016

- Organized and supervised the making of the 2nd annual variety show, raising a record-breaking \$2000
- Nominated for the 2016 City of Dublin Organization of the Year
- Recipient of 2015 California Junior Scholarship Federation Marian Huhn Award

Skills

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|----------------------|---------------------------|----------------------------|
| • Public Speaking | • Strong Decision-Making | • 75+ WPM |
| • Project Management | • Proficient HTML, Python | • Proficient Data Analysis |

Achievements

- | | |
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| • 22nd fastest freshman, 800 meters 2017 California | • 2015 Integrity in Action Student of the Month |
| • 5th place, 800 meters (13-14 year old division) 2016 | • 2014 2nd Place USAA National Archery Indoor |
| USATF National Junior Olympics | Championship |
| • 2016 USATF Junior Olympic All American | |