

Matthew Kang

Goal:

Continue my education in a four-year college and pursue a Masters Degree

8151 Village Parkway
Dublin, CA 94568
(925) 833-3300
mknyc05@gmail.com

Education

Dublin High School - Senior

Aug. 2016 - Present

Unweighted GPA: 3.89

Cumulative GPA (Weighted): 4.48

Desired Colleges: Stanford, Yale, University of Michigan, Rice University, UIUC, Universities of California, Cal Poly SLO

Areas of Interest: Biomedical Engineering, Mechanical Engineering, Environmental Engineering, Economics, Entrepreneurship

Relevant Courses: AP Physics Mechanic C, AP Calc BC, AP Microeconomics, AP Environmental Science, AP Biology, AP Chemistry, AP Statistics, AP Calc AB, Intro to Bus, Precalculus/Trig, Algebra II, Geometry, Principles of Engineering, Computer Science Principles

Experience

President/ Founder - Elephant in the Room (EITR) Project

July 2018- Present

- Created EITR to aid students who are stressed, depressed, or with suicidal ideations
- Manage 180 members and volunteers to create community-wide activities and challenges
- Host monthly gatherings to promote a positive environment where open-minded discussions are encouraged
- Invite Guest Speakers, Training Sessions, \$400 made in Sticker Sales, EITR Podcast; Established Website

Co-Chairman/Project Manager - Dublin Mayor's Council

July 2018- Present

- Plan and execute a variety of philanthropic events; Dubversity, Financial Literacy
- Manage 52 members and 8 project managers
- Organize and coordinate meetings with the Dublin Mayor and school administration

Team Member, Documenter, Builder - Gael Force VEX Robotics Club, VEX 5327A

Aug. 2017 - 2019

- Qualified for VEX World Championship; Louisville, Kentucky
- 19th place out of 30,000 teams in Worldwide Skills Programming Challenge
- Supervised technical documentation and drafting
- Built lightweight sub-assemblies and mechanisms

Mentor, Executive Board - DHS Freshman Mentorship Program

May 2018 - Present

- Mentor 33 freshmen in a classroom setting
- Create activities for all FMPs to participate in and media slides
- Coordinate FMP Training Days for 145 FMP mentors

Leader, Book Club Mentorship Program- Korean Parent Association

June 2016 - Present

- Foster a love for reading through mentor lead book clubs for Korean-Americans grades K - 8
- Lead 6 5th grade students in discussions and activities on monthly assigned books
- Promote Korean Culture through events designed to spread awareness in the general public

Student Presenter - CSF/CJSF Conference and DHS Red Cross

Mar. 2017 - 2018

- Presented workshop on high school goals and expectations to 60+ students and adults
 - CSF/CJSF Conference, 2017
- Organized Raid Cross, role-playing workshop regarding International Humanitarian Law and laws of conflict
 - DHS Red Cross, 2018

Computer and Technical Skills

- Open BCI interface; proficiency in MatLab and analysis of Brainwaves - 2019 UCI COSMOS
- Project Management - Promote positive team culture, Coordinate meetings with members, principals, admins
- C++, Java, Python, Xcode, Git, Command Line, HTML, CSS, Bootstrap - Created Online Engineering Portfolio, 2018
- Effective Technical Writer - Principle Notebook for Robotics Team, tasked to articulate modifications and designs
- Data Analysis - Proficient in analyzing sets of data for the purpose of statistical analysis

Achievements

- 2018, USAA Coaching Credentials Level 1
- 2017, 22nd fastest freshman in California 800 meters
- 2016, 5th place, 800 meters (13-14 year old division) USATF National Junior Olympics
- 2016, USATF Junior Olympic All American
- 2015, Integrity in Action Student of the Month
- 2014, 2nd Place USAA National Archery Indoor Championship
- 2014, Ranked 1st in state for Bowman Class