

Dante McClure

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(650) 823-0085

High school senior with passions in International Relations, Politics, Economics, East Asian Culture, and Data Science. I want to dictate a future that is committed to bridging the gap between different countries and cultures, as well as expanding my own horizons through various fields of study.

ACADEMIC EXPERIENCE

Independent Chinese Economic History Research

[Origins of China's Economic Growth from 1980s and Beyond](#)

- 8 month project examining Chinese Economic Reform policies in the 1980s and beyond
- Conducted literature reviews to learn determine the the intricacies of economic policymaking and its impact on the growth of a country
- Presented an 11 page paper on Polygence's Annual Student Scholar Symposium
- Available in English, Mandarin (translated) and Japanese (translated)

Independent Data Science Project

[NBA Statistics Project](#)

- Used Python to scrape data from NBA statistic archives
- Analyzed data to find the year of peak performance across different generations of basketball players
- Learned to reformat and analyze data to determine critical trends within player performance categories (Points, Assists, Rebounds, etc.)
- Learned to use Pandas Notebook

Senator Becker Internship

- Learnt and Observed

Personal Stock Investing

- Learned about company valuations, volatility, and discounted cash flow models to make decisions in investments
- Selected 15-20 companies to invest, and saw portfolio gains of over 20% annually, which was more than triple the annual growth rates of the S&P 500 for those respective years
- Gained exposure to the world of investing for the first time

SKILLS

Proficient in Java, Python & data science

Fluent in Japanese and Mandarin

Playing Piano for 7+ years

AWARDS

Published in World Journal in Mandarin

Analyzed the cultural differences between Japan and China

2022: Bay Area Suzuki Advanced Level Honor

2021: MTAC Certificate of Merit: California State Honor Award

2019 & 2020: National Piano Guild: Superior Plus Rating National Award

LANGUAGES

Proficient in English, Mandarin, Japanese

COMMUNITY SERVICE

Mountain View/Cupertino Homelessness Outreach and Care Package Delivery

- Created 20-30 care packages and meals to deliver to houseless encampments on Wolf Rd and Interstate 280 in Cupertino and LifeMoves in Mountain View
- Inspired to pursue future initiatives to help those in need, leading to donations to organizations such as LifeMoves

EXTRACURRICULARS

Japanese Foreign Exchange Club at MVHS — Student Board Member, Head of PR

- Facilitated Cross-cultural exchange videos with Iwata High School in Japan
- Helped to bridge a connection between American and Japanese High School students

EverythingALS — Student Ambassador

- EverythingALS brings technological innovations and data science to support efforts
- Participated in weekly patient outreach to those diagnosed with ALS participating in the speech study
- Participated in meetings with team members to discuss steps that need to be taken to continue researching preventative measures for ALS

Mountain View High School Varsity Track & Field — Runner

- Ran on 4x100 and 4x400 relay teams as a first year runner
- Made it to league elimination rounds, the SCVAL Championships, on May 6, 2022 as individual and relay member for Mountain View High School
- Currently the fastest 400m on Varsity team

EDUCATION

Mountain View High School, Mountain View, CA

Weighted GPA: 4.1

Relevant Classes: AP Computer Science, AP US History, AP Calculus AB, AP Physics, AP Japanese, American Literature Honors

Upcoming Classes: AP Macroeconomics, AP US Government and Politics,

