

# Daniel He

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## Objective

I'm a senior at Monte Vista High School who is particularly fond of technology, new ideas, and jazz music. I tend to dive head first into what ever I can get my hands on. Hit me up if you're down for a philosophical discussion or some pickup soccer --or both. More about me below.

## Volunteer Service

Mar 2017 - Mar 2019

### Junior Foreman

Tijuana, Mexico  
Amor Ministries - Mexico Mission Trip  
Grade 8, 9, 10  
50 Hrs/Week  
Total Hours: 150

*Amor partners with local communities and int'l organizations to provide housing and necessities for underprivileged people in Mexico. Commonly operates week long house-building mission trips. Junior Foreman on build team (2018); guided new members in using tools, understanding build schematics. Volunteered prior to trip to organize fundraising event (2016-2018). Helped set up auction house tables and decorations; cut/prepared produce for dinner night for fundraising event.*

Feb 2017 - Present

### Worship Team Leader

Tri Valley Chinese Bible Church, Pleasanton, California  
Living Youth Fellowship  
Grade 8, 9, 10, 11, 12  
5 Hrs/Week  
Total Hours: 500

*(30 performances/year); Scheduled and planned worship songs/sets; led rehearsals and guided practice sessions; Worked with younger teams and streamlined their rehearsals; played during most Sunday sermons + youth group sermons Organized/help plan Youth Retreats; planned events, games, sourced materials for instruments, prepared all sheet music*

## Extracurricular Activities

Aug 2020 - Present

### AIM - Applied Investment Management Club

Grade 12  
3 Hrs/Week  
Total Hours: 50

*Vice Pres of Education; created curriculum used to teach club investment techniques, different methods of statistical analysis, and market/economic theory. Currently competing in Wharton Global High School Investment Competition using \$100,000 dollars of virtual currency to invest in real word market simulation.*

Mar 2019 - Present

### Ecommerce Business - Ebay Online Store

Grade 10, 11, 12  
5 Hrs/Week  
Total Hours: 200

*Researched and sourced various products to sell. Organized and operated personal store on Ebay. Managed all facets of packaging, shipping, and customer service. Generated \$2000 in revenue during last 18 months. Reinvested profits went to fund aeroponics research and to further product sourcing costs.*

Dec 2017 - Present

### Soccer - High School JV/Varsity + D1 Club

Grade 6, 7, 8, 9, 10, 11, 12

8 Hrs/Week  
Total Hours: 500

*Voted Monte Vista Defensive MVP 2018; effective vocal leader on the field; organized the defensive core; North Coast Section Playoff Quarter Finalist 2019. Active player 2017, 2018, and 2019 (2020 season delayed: COVID) D1 Club Soccer Player (2014-2020); First team starting defensive center back at Mustang Soccer Club.*

Aug 2017 - Present

### **Independent Research - Aeroponics and Automation**

Grade 9, 10, 11, 12  
5 Hrs/Week  
Total Hours: 400

*Development of a superior method of plant cultivation to addresses problems of climate change, natural disaster, and energy use. Also preparation to develop space farming technology. Conceptualized, prototyped, and researched using a water/space hyper-efficient and scalable method for cultivating plants in soilless + controlled environment. Utilized computer programming to automate the regulation of numerous factors -temperature, PH, nutrient ppm, and light cycles, etc.*

Aug 2017 - Present

### **Jazz Piano - School, County, and Regional Band First Chair**

Grade 9, 10, 11, 12  
10 Hrs/Week  
Total Hours: 600

*600+ hours, 11 Competitions, 5 Concerts Selected for CCC Honor Jazz Band 2018, East Bay All-Stars Jazz Band 2019, and MVHS Jazz A 2018, 2019, 2020 Awards Received: Folsom Jazz Soloist Award 2019, 2020 Woodcreek Jazz Soloist Award 2019, 2020 Stanislaus Jazz Festival Soloist Award 2020*

## **Awards**

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Oct 2020

### **National Merit Scholarship**

Grade 11

*National Level of Recognition for scoring above top %1 on the PSAT exam in 2019. Winners have a chance to receive merit-based scholarships towards their college. Top Scorer among 1.6 Million Test Takers PSAT 2019 1490/1520 760/760 Math 730/760 English 222 Selection Index California*

Aug 2020

### **AP National Scholar with Distinction**

Grade 12

*Granted to students who receive an average score of at least 3.5 on all AP Exams taken, and scores of 3 or higher on five or more of these exams. No application. 16 AP Classes; 15 tests AP World History - 5 AP Biology - 4 AP Chem - 5 AP Macroeconomics - 5 AP Microeconomics - 5 AP English Language - 5 AP Calc AB - 4 AP Calc BC - TBD AP US Gov - TBD AP Comp Gov - TBD AP English Lit - TBD AP Psychology - TBD AP Physics 2 - TBD AP Computer Science A - TBD AP Music Theory - TBD*

## **Skills/Academic Achievement**

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Dec 2020

### **Adobe Premiere Pro (Video Editing)**

Grade 9, 10, 11, 12  
Skill Level: intermediate

Dec 2020

### **Excel Sheets**

Grade 10, 11, 12  
Skill Level: intermediate

Dec 2020

### **HTML5 and CSS**

Grade 11, 12  
Skill Level: beginner

Dec 2020

### **Java Programming Language**

Grade 11, 12  
Skill Level: intermediate

Music/Artistic Achievement

Mar 2020 - Mar 2020	<b>Stanislaus Jazz Festival Soloist Award 2020</b> Grade 11
Mar 2020 - Mar 2020	<b>Woodcreek Jazz Soloist Award 2020</b> Grade 11
Jan 2020 - Jan 2020	<b>Folsom Jazz Soloist Award 2020</b> Grade 11
Mar 2019 - Mar 2019	<b>Woodcreek Jazz Soloist Award 2019</b> Grade 10
Jan 2019 - Jan 2019	<b>Folsom Jazz Soloist Award 2019</b> Grade 10
Jul 2017 - Jul 2017	<b>Piano Certificate of Merit Level 10</b> Grade 8

*Certificate of Merit is a statewide program of graded music education made available to students of music teachers who are members of the Music Teachers' Association of California (MTAC). Students are tested at their specific levels in sight reading, technique, performance, ear training, and written theory. Achievement of level 10 (Highest Level)*

Athletic Achievement

Nov 2018 - Jan 2019	<b>Monte Vista Soccer Defensive MVP</b> Grade 10 8 Hrs/Week Total Hours: 150
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