

Edan Bash

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ACTIVITIES

Youth and Government — *President*

August 2016 - PRESENT (8 hrs/wk, 30 wks/yr)

- Attend weekly officer meetings, plan conferences in Fresno and Sacramento, manage committees, and lead 100-delegate meetings
- Model the California government by speaking on bills and writing proposals

Speech and Debate — *Community Service Chair, Tech Chair*

August 2016 - PRESENT (6 hrs/wk, 40 wks/yr)

- Perform original speeches and parliamentary debate
- Organized farmers market booth to speak out for mistreated animals and fundraise for Pasadena Humane Society
- Manage the team website and tournament sign ups

Robotics — *Software/Electronics*

January 2018 - PRESENT (5 hrs/wk, 8 wks/yr)

- Participated in FIRST Robotics Competition to design and build a robot that performs several complex tasks
- Build circuit boards and write command-based code for robot

Club Soccer — *Defender*

August 2012 - May 2018 (6 hrs/wk, 48 wks/yr)

- Played for Flight 1 Crescenta Valley and Gold LA Premier soccer clubs
- Practiced twice a week, played league games in fall, and traveled around California for tournaments.

California Scholarship Federation — *Junior Representative, Senior Representative*

August 2015 - PRESENT (2 hrs/wk, 40 wks/yr)

- Email weekly announcements, keep track of student participation, answer questions from members
- Participate in community events and raise money for scholarships

EDUCATIONAL PREP PROGRAMS

JPL Space Academy

September 2017 - PRESENT (5 hrs/wk, 8 wks/yr)

- Worked in teams to build a rocket and launcher from scratch
- Gave weekly progress presentations, demonstrating how stock value affects science-based companies

SKILLS

Java code language
HTML code language
C# code language
Android Studio
Unity
Public Speaking
Soldering

AWARDS

2nd Place AMC test (3/2018)

- Schoolwide(3000 student population) award for performance on the American Mathematics Competition

AP Scholar w Distinction

(7/2018) - National award for receiving a 3 or higher on at least 5 AP exams and having an average of 3.5 on all AP exams

Degree of Distinction

(12/2017) - Distinction given by National Speech and Debate Association for having over 150 points

3rd Place Parliamentary

Debate (4/2017) - Regional debate award

Scholar Athlete(2)

(5/2016-17) - School Award for being a soccer player and having GPA above 3.5

Coach's Award (5/2017) -

Soccer award for outstanding work ethic and coachability

Science Bowl

August 2017 - PRESENT (2 hrs/wk, 40 wks/yr)

- Competition-based selection
- Mastered physics and math curriculum through independent study
- Collaborated with teammates to answer questions at the regional competition at JPL

UCI COSMOS

July 2018 - August 2018 (60 hrs/wk, 4 wks/yr)

- Engineering for Land, Air, Space - explored rocket launch physics, alternative energy, robotic systems, and flight aerodynamics
- Built remote controlled, 16 square foot model plane from scratch

PDM Internship

June 2018 - July 2018 (60 hrs/wk, 4 wks/yr)

- Work for software development company in Lisbon, Portugal
- Use the Unity program to create 3D models and code virtual reality environments with voice commands

COMMUNITY SERVICE

Rosemont Middle School Code Class

January 2018 - May 2018 (3 hrs/wk, 20 wks/yr)

- Taught computer coding to 7th and 8th graders using original labs to prepare them for advanced concepts in Java
- Topics included making calculators and mini games

Youth and Business — *Tree Lot Manager*

August 2016 - PRESENT (6 hrs/wk, 10 wks/yr)

- Train sales staff, delegate tasks, oversee back lot duties, and manage upkeep of lot in December
- Sell 2400 trees annually to give scholarships to kids at the YMCA

All Saints Church Acolyte — *Captain*

August 2012 - PRESENT (2 hrs/wk, 20 wks/yr)

- Prepare the church for the service and carry torches in procession
- Manage younger acolytes and assign them to jobs

AYSO Referee — *Intermediate Referee*

August 2015 - PRESENT (2 hrs/wk, 12 wks/yr)

- Sideline and center referee for 10 to 12 year-old soccer games
- Prep field before game, call fouls and goals, manage players, and encourage sportsmanship

Lions Club International — *Vice President, Treasurer*

August 2016 - PRESENT (1 hrs/wk, 40 wks/yr)

- Give presentations and manage money on community projects such as Hometown Fair, Pancake Breakfasts, and Cancer Walks

National Honor Society

(1/2017) - Had at least 3.5 GPA and demonstrated excellence in the areas of community service, leadership, and extracurricular activities

Best Prediction (10/2017) - JPL Space Academy award for most accurately predicting the height of our rocket

LANGUAGES

English fluent, 3 yrs Spanish

EDUCATION

Crescenta Valley High School,
La Crescenta, CA- 12th grade

HOBBIES/INTERESTS

Baking

Crosswords and Puzzles

Tennis

Biking

Road Tripping

App development

JOBS

Software Developer

March 2018 - August 2018 (5 hr/wk, school year; 10 hr/wk, summer)

- Designed a curriculum with labs and example outputs for the AP Computer Science class using the Java graphics interface
- <https://github.com/gregneat/AREPO19>

Ebay Seller

August 2016 - August 2018 (1 hr/wk, school year)

- Sell old LEGO sets, appliances, and other assorted items on eBay
- Take pictures of the items, write descriptions, set a price, and negotiate with customers

Math Tutor

August 2016 - PRESENT (2 hr/wk, school year)

- Help students understand subjects such as Algebra 2, PreCalculus, and AP Calculus by explaining lessons and guiding them through homework

INDEPENDENT PROJECTS

Physics App

- Built an app for the Google Play Store that helps students prepare for the AP Physics exam
- Includes original lesson summaries, equation solvers, practice questions, and multiple choice quizzes

Independent Building

- Build drone kits; solder wires, attach motors, and set up remote control before test flight
- Built garage-sized gazebo for friend's patio

EXTRA COURSES

Super AP Computer Science (2nd year of AP Comp Sci)

12th Grade 2018-2019

- Teach AP students new topics in Java
- Work on independent projects for companies in the real world, including web development and creating virtual reality interfaces

Linear Algebra Hnrs

12th Grade 2018-2019

- Study linear systems, vector spaces, and linear transformations and apply problems to economics and engineering
- Code in Python to solve complex matrices