

EDAN BASH

3246 La Crescenta Ave., Glendale, CA, 91208 • (323)806-3872 • edansbash@gmail.com
GPA: 4.4 • SAT: 1560 • Crescenta Valley HS (12th grade)

ACTIVITIES

Youth and Government — *President* (August 2016 - February 2019)

- Attend weekly officer meetings, plan conferences, manage committees, and lead 100-delegate meetings; model the California state government in Sacramento

JPL Space Academy — *Youth Engineer* (September 2017 - November 2018)

- Worked in teams to build a rocket and launcher from scratch

Robotics — *Software/Electronics* (January 2018 - March 2019)

- Participated in FIRST Robotics Competition to design and build a robot that performs several complex tasks

UCI COSMOS — *Lead Designer* (July 2018 - August 2018)

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

Science Bowl (August 2017 - May 2018)

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

Rosemont Middle School Code Class (January 2018 - May 2018)

- Taught coding to 7th and 8th graders using original curriculum

Speech and Debate — *Community Service Chair, Tech Chair* (August 2016 - PRESENT)

- Perform original speeches and parliamentary debate
- Manage the team website and tournament signups

Youth and Business — *Tree Lot Manager* (August 2016 - December 2018)

- Train sales staff, delegate tasks, oversee back lot duties, and manage upkeep of the lot

All Saints Church Acolyte — *Captain* (August 2012 - PRESENT)

- Manage younger acolytes and assign them jobs during church service

WORK EXPERIENCE

Software Developer (March 2018 - August 2018)

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

PDM Internship (June 2018 - July 2018)

- Worked for a software development company in Lisbon, Portugal to code virtual reality environments
- Used the Unity Game Engine and Microsoft Visual Studio

Math Tutor (August 2016 - PRESENT)

- Algebra 2, PreCalculus, and AP Calculus

APP DEVELOPMENT

PHYSICS PREP

- Google Play Store app that helps students prepare for the AP Physics exam; includes original lesson summaries, equation solvers, practice questions, and multiple choice quizzes
<https://play.google.com/store/apps/details?id=com.physics.edan.physicsprep>

META MADNESS

- Google Play Store app for CVHS students that quizzes them on school trivia; utilizes the gyroscope feature on the phone (similar to Heads Up)
<https://play.google.com/store/apps/details?id=com.apcompsci.metamadness>

SKILLS/AWARDS

SKILLS: Java code language, HTML code language, C# code language, Android Studio, Unity, Public Speaking

2nd Place AMC (3/2018) - Schoolwide(3000 students) award for performance on the American Math Competition

AP Scholar w Distinction (7/2018) - National award for outstanding performance on AP exams

Degree of Distinction (12/2017) - Distinction given by National Speech and Debate Association

Coach's Award (5/2017) - Soccer award for outstanding work ethic and coachability

National Honor Society (1/2017) - Excellence in school, service, leadership, and activities