

Allan Garcia-Zych

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EDUCATION

Massachusetts Institute of Technology

B.S. Physics, Computer Science expected June 2021

September 2017 - Present

Mission Vista High School, Oceanside, CA

High School Diploma

August 2013 - June 2017

2 years of Java Instruction, AP Chemistry, Biology, Physics 1 & 2

EXPERIENCE

TechX, MIT – *Think Committee devOps Member*

September 2017 - Present

Participate in program to mentor HS students on projects; serve as point of contact between program and local schools

Beginning development work on website and application portal

Edgerton Outreach, MIT – *Teacher*

September 2017 - Present

Facilitate local school field trips to MIT's campus, guide students through projects designed to inspire curiosity and interest in science

AT&T/City of San Diego Hackathon – *Competition*

October 2016

Member of 9 student team which won competition by developing android app; Specifically implemented Google Civic Information API to provide voting information to citizens

Focal Point Learning — *Online Educational Platform*

January 2017 - Present

Worked with small cohort of MVHS students to create example videos

Recruited students to help with development of website

TEDxYouth @ MVHS — *Speaker*

April 2017

Delivered talk explaining Focal Point Project to over 200 people

COMMUNITY SERVICE

Engineering Club, Vista Magnet Middle — *Mentor*

September 2013 - May 2017

Mentored a group of 20-30 middle school students, facilitated design and construction of projects at after school meetings

California Scholarship Federation, MVHS — *Peer Tutor*

September 2013 - May 2017

Supported students in math ranging from Algebra I to AP Calculus

CURRENT COURSEWORK

Classical Mechanics

Multivariable Calculus

Solid State Chemistry

Making Public Policy

Fundamentals of Scientific
Programming

SKILLS

JAVA language programming

Leadership from practice in
various HS clubs and
volunteer positions

Communication skills honed
by experiences teaching and
public speaking

Trained in peer counseling as
part of High School student
support group

Educational Video Production
and Editing

Proficient in Spanish

AWARDS

National Merit Scholarship
Finalist

National Hispanic
Recognition Program

National AP Scholar

Valedictorian of the MVHS
Class of 2017