

JASON K. JEWIK

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EDUCATION AND TEST SCORES

High School Diploma, General Education and College Prep ▫ Whitney High School ▫ Cerritos, CA ▫ 6/2019 (expected)
Cert. of Achievement, Computer Programming Logic & Design ▫ Cerritos College ▫ Cerritos, CA ▫ 8/2017
STEM Classes ▫ AP Statistics, AP Chemistry, Honors Physics, Precalculus/Calculus A, Honors Biology
GPA ▫ 3.97 (unweighted) **SAT** ▫ 1580/1600 **PSAT** ▫ 1490/152

ENGINEERING AND COMPUTER-RELATED EXPERIENCE

Programmer ▫ **First Tech Challenge Robotics Team, WHS** ▫ **2016 - Present**
Advanced to Super Regional West
Cataloged the team's entire GitHub repository for the 2017-18 season
Helped design and program the robot's autonomous code for the 2017-18 season
Researcher, Team Captain ▫ **First Lego League Robotics Team, WHS** ▫ **2014 - 2016**
Advanced to SoCal Regional Competition
Submitted project proposal of engineered solutions to world problems
Coordinator & Instructor ▫ **Summer Robotics Camp, WHS Robotics** ▫ **2015, 2016**
Organized and managed the financial and logistical components
Prepared presentations for and instructed students in robotics basics, including: building Lego robots and programming with Lego Mindstorms software
Assistant Lead Level Designer ▫ **Prof. Scott Easley, USC Dept. of CS/Easley-Dunn Productions** ▫ **Summer 2017**
Designed and created levels for a tower-defense game built in Unity
Data Science Student Intern ▫ **Dr. Yolanda Gil, USC Dept. of CS/Information Sciences Institute** ▫ **Summer 2016**
Used JavaScript to write data visualization software for the Python-based WINGS workflow system
Web Content Support Specialist ▫ **Siblinks** ▫ **2017**
Populated content of a startup social and education website to connect high school and college students
Social Media Manager and Graphic Designer ▫ **IDLogiq** ▫ **2017**
Created and designed web graphics for various social media accounts

ENGINEERING AWARDS AND OTHER HONORS

Dean's List Semi-Finalist ▫ **First Tech Challenge** ▫ **2017, 2018**
Semi-Finalist at the national level for the Dean's List Award, which recognizes outstanding leadership, passion for STEM, and dedication to FIRST
President's Volunteer Service Award ▫ **Corporation for National and Community Service** ▫ **2015**
Recognized for 70 hours of community service through robotics
FTC Awards ▫ **First Tech Challenge** ▫ **2016 - 2018**
Inspire Award for being the best overall robotics team in the L.A. Region
Promote Award for creating a one-minute Adobe Flash animation celebrating STEM ideals and FIRST Robotics
Think Award for best Engineering Notebook in the L.A. Region
PTC Design Award for best designed robot in the L.A. Region
Connect Award for excellence in promoting STEM and robotics in the local community
Winning Alliance and Division Finalist in the L.A. and West Coast Regions, respectively
FLL Awards ▫ **First Lego League** ▫ **2014 - 2016**
Core Values Award for best teamwork and gracious professionalism in the L.A. Region
Mechanical Design Award for most durable, efficient, and highly capable robot in the L.A. Region
TEDx Speaker ▫ **Whitney High School** ▫ **2016, 2017**
Spoke about the future of sentient artificial intelligences; Spoke about the usage of video games in education
2nd Place Regional Winner ▫ **National Science Bowl** ▫ **2015**
Captain of Middle School National Science Bowl team

OTHER LEADERSHIP EXPERIENCE

Founding President and Video Game Director ▫ Digital Media Club, WHS ▫ 2017–Present
Club Treasurer ▫ Robotics, WHS ▫ 2016–Present

SKILLS

Robotics	▫ NXT-G, EV3, Android Studio
Programming	▫ Java, C++, JavaScript, GMS, HTML/CSS, Python, Git, VBA
Administrative	▫ Public Speaking, Database Organization, Budget Management, Grant Application
Languages	▫ Mandarin, Spanish
Other	▫ Piano, Violin, Web Design, Animation, Video/Photo Editing, Creative Writing