

# JASON K. JEWIK

Cerritos CA 90703 ▫ 562.239.8345 ▫ jason.jewik@gmail.com ▫ jj11d7t.github.io

## 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, Math Analysis (Precalculus/Calculus A), Honors Biology  
**GPA** ▫ 3.97 (unweighted)      **SAT** ▫ 1580/1600      **PSAT** ▫ 1490/1520

## ENGINEERING AND WORK EXPERIENCE

**Programmer** ▫ **FIRST Tech Challenge Robotics Team, WHS** ▫ **2016 - Present**  
Helped design and program the robot's autonomous code  
Cataloged the team's entire GitHub repository for the 2017-18 season  
Advanced to Super Regional West (2017), Regional (2018)

**Researcher, Team Captain** ▫ **FIRST Lego League Robotics Team, WHS** ▫ **2014 - 2016**  
Advanced to SoCal Regional Competition (2015, 2016)  
Submitted project proposal of engineered solutions to improve student engagement and reduce pollution

**Coordinator & Instructor** ▫ **Summer Robotics Camp, WHS Robotics** ▫ **2015, 2016, 2018**  
Managed finances and camp logistics  
Designed t-shirts and promotional brochures  
Instructed students in robotics basics, including: building Lego robots and programming with Lego Mindstorms software

**Video Game Programmer** ▫ **Digital Media Club, WHS** ▫ **2016-2018**  
Programmed three video games: one is a zombie survival action game, another is a procedural-map-generation proof-of-concept, and the last is still in development (projected release of summer 2018)

**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 visualization software for a Python-based data workflow system

**Web Content Support Specialist** ▫ **Siblinks** ▫ **2017**  
Populated content of a startup social and education website that connected 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 National Semi-Finalist** ▫ **FIRST Tech Challenge** ▫ **2017, 2018**  
Recognized for outstanding leadership, passion for STEM, and dedication to FIRST Robotics

**President's Volunteer Service Award** ▫ **Corporation for National and Community Service** ▫ **2015**  
Recognized for 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 artificial intelligence, and whether a sentient AI would deserve human rights (2016)  
Spoke about the applications of video games in improving 21st century 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

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