

# JASON K. JEWIK

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## SOFTWARE DEVELOPMENT

Meticulous **Programmer and Developer** who undertakes complex assignments and delivers outstanding performance. Possesses practical knowledge of how to operate efficiently within a team to meet tight deadlines. Excels at analyzing problems from all angles to determine the most straight-forward and best solution.

### Core Competencies include:

Aesthetic and Functional Design • Creative Problem-Solving • Project and Team Management • Strategic Planning • Public Speaking • Financial Management • Applying for Grants

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**EDUCATION:** 11th Grader at Whitney High School (Best High School in CA 2016 - US News). **Cumulative, Unweighted GPA:** 3.96/4.00

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## TEST SCORES

**PSAT/NMSQT:** Taken in **Grade 10** – 2016. Scored 1470/1520 (99th percentile)

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## JOB AND INTERNSHIP EXPERIENCE

**Assistant Lead Level Designer, Easley-Dunn Productions, Los Angeles, CA, June to August 2017**

Designed and created levels for a tower defense game called *Spurpunk*, built with Unity

**Web Content Support Specialist, SibLinks.com, Santa Clara, CA, January to March 2017**

Populate content of a new start-up social and education website for high school students.

**Student Intern with Dr. Yolanda Gil, USC Information Sciences Institute, Marina Del Rey, CA, June to August 2016**

Used Javascript and Python based workflow systems to optimize **data visualization software** for researchers in analyzing huge data sets.

**Chemist Intern, Formulation Research Labs, Rancho Dominguez, CA, June to August 2015**

Learned to formulate various hair care & skin care products, performed wet chemistry testings and assisted various lab duties for a cosmetics R&D consultant company.

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## HONORS AND AWARDS

**FLL and FTC Robotics:** Finalist for First Lego League (FLL) Southern California Regional and First Tech Challenge (FTC) West Coast Super Regional competitions (Grade 8, 9, 10, and 11)

**FTC Dean's List:** California finalist for outstanding leadership and community outreach award for FTC Robotics (Grade 10)

**National Science Bowl:** 2nd Place for Southern California Regional Competition as Team Captain (Grade 8)

**Cerritos Annual Teen Contest:** 2nd and 3rd Places for short story writing (Grade 7 and 8)

**Presidential Gold and Academic Achievement Awards:** Math, English Language Arts, History, Spanish (Grade 7 and 8)

**National Physical Fitness Award:** Recipient of the National Physical Fitness Award (Grade 8)

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## PERSONAL ACHIEVEMENTS AND INTERESTS

**Digital Media: Lead Programmer** of the video game *Interitus*; **Solo Developer** of the video game *The Infi-Gen*; fluent in creating and editing photos/videos using Adobe Photoshop, Animate, Premiere Pro, and Media Encoder which are viewable at [youtube.com/c/SirJJ](https://youtube.com/c/SirJJ) (Grade 8, 9, and 10)

**Animation:** InterLeague Tournament winner of FTC Promote Video using animation (Grade 10), create various animations which viewable at [youtube.com/c/SirJJ](https://youtube.com/c/SirJJ)

**Robotics Club: Treasurer for three teams at Whitney HS**, automated purchase and reimbursement process through Google Forms and Java, **Programmer** on FTC Team 542, **Captain** of FLL Team 3204; **Mentor** of FLL Team 20157; **Instructor and Organizer** of annual summer Robocamp

**Whitney High School Study Guide: Co-founder, Host, Editor and Animator** of Whitney High School Study Guide, a YouTube channel dedicated to producing video content for Whitney students to prepare for their semester comprehensive exams, viewable at <http://bit.ly/23QJ64Z>

**Software Development:** Versatile, self-taught programmer of Visual Basic Application (certified by CalPoly Pomona), Javascript, GML Script, HTML, CSS, Java, Python, Command Line, Git, C#

**TEDx Speaker** at Whitney's TEDx Conference: **March 2016:** spoke about the future of artificial intelligence and its entitlement to human rights, viewable at <http://bit.ly/2nEyeNe> (Grade 9) and **March 2017:** spoke about utilizing video games to enhance education (Grade 10)

**Self-taught pianist;** arranged several pieces, viewable at [youtube.com/c/SirJJ](https://youtube.com/c/SirJJ); plays piano for Youth Worship Group at church

**Violinist** from 2007–2016; played violin for church orchestra

**Tennis** from 2015-17: Junior Varsity tennis player for Whitney High School

**Foreign Languages:** Fluently speaks, reads, and writes Mandarin Chinese and Spanish

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## **VOLUNTEER COMMITMENTS**

**Robotics:** Served at community outreach events/demonstrations at schools and local library; taught the fundamentals of robotics at a week-long camp sponsored by Whitney's robotics club (Grade 8, 9, 10)

**City of Cerritos:** Volunteered for the City's Parks and Recreation Services at various events held throughout the city (Grade 8, 9, and 10); helped at the Summer Reading Program at Cerritos Library (Grade 8)