

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

EDUCATION:

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

Student at Cerritos College for **Computer Programming Logic and Design** (June - August 2017).

TEST SCORES

SAT: Taken in **Grade 11** – 2017. Scored 1580/1600 (99th percentile)

PSAT/NMSQT: Taken in **Grade 11** – 2017. Scored 1490/1520 (99th percentile)

JOB AND INTERNSHIP EXPERIENCE

Social Media Account Manager, IDLogiq, Santa Clara, CA, October to December 2017

Created graphics and managed social media accounts for a new start-up dedicated to authenticating pharmaceutical drugs.

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. Commended for meticulous and balanced level design.

Web Content Support Specialist, SibLinks, 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.

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, 11)

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)

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)

PERSONAL ACHIEVEMENTS AND INTERESTS

Digital Media: Founding President of first digital media club at Whitney High School, established club's constitution and conducted workshops; **Lead Programmer** of the video game *Interitus* and *Flan and Oat*; **Solo Developer** of the video game *The Infi-Gen*; fluent in GameMaker: Studio, Stencyl, and Unity

Animation and Film: InterLeague Tournament winner of FTC Promote Video using animation, fluent in creating and editing photos/videos using Adobe Photoshop, Animate, Premiere Pro, and Media Encoder which are viewable at <youtube.com/c/SirJJ> (Grade 8, 9, and 10)

Robotics Club: Treasurer for three teams at Whitney HS, automated purchase and reimbursement process through Google Forms and Java/JavaScript, **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>
(Grade 9 and 10)

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

Self-taught pianist; arranged several pieces, viewable at <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

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, 11)

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)