Julien Owhadi

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EDUCATION

2017-Present	**Crescenta Valley High School** 11th Grade, **GPA**: 4.21 (weighted), 3.86 (unweighted) La Crescenta, CA 91214 Expected Graduation Date: June **2021**
Electives (2017-2020)	AP Computer Science 3-4(Java) AP Calculus AB AP Physics 1 AP Computer Science 5-6 AP Calculus B AP Physics 2 AP Literature AP Statistics AP Physics C Mechanics

LANGUAGE & IT SKILLS

Languages	**English**: Native speaking **French**: Intermediate
Computer Languages	Java, C#, Python, JavaScript, JSON, ES6, HTML, CSS, Arduino, Matlab, Linux CLI
Software	Unity, Maya, Fusion 360, Cura, Illustrator, Krita

INTERNSHIPS & COMMUNITY SERVICE

9/10/19 – Present	**Caltech**, optimization of the production of insulating foam (x-ray data + python)
7/20/19 - 8/20/19	**Caltech**, solved equations for Enzyme Kinetics
4/27/19	**Co-organized a TEDx Talk:** tedxcvhs.com
Sept. to Nov. 2018	**Mentored** students participating on Rosemont Middle School's FLL Robotics team

WORKSHOPS, & COMPETITIONS

10/12/19	**WE ARE CODE Hack-A-Thon 2019:** A 14-hour AR/VR Hackathon at USC where my team and I won 2nd Place Overall
12/8/18	Amazon Alexa Skill Building Workshop & Hackathon
7/28/18	**Hackadamia**: A 16 hour intense high-school hackathon involving both hardware and software challenges (My team worked on controlling a NASA rover with hand gestures)
2015	**20th Annual Invention Convention**: 1st place; "The Handless Holder"
2015	**28th Annual Math Field Day**: First place team winner

INTERESTS

Learning/ Research	Deep Learning, Programming, STEM, Physics, Neurosciences, Mathematics
Sports	**Gymnastics**: level 10 at Payke Gymnastics Academy competing at a regional level **Pole Vaulting**: 2018 Record pole clearance - 10 feet **Karate**: black belt
Clubs	**TEDx: co-President** **Solar Army (Seal):** A program aimed at identifying catalysts for splitting water molecules with sunlight for hydrogen fuel production **Robotics Team:** competes in FRC tournaments and in the annual JPL Invention Convention Challenge **Math Competition Club (MCC):** member + advisor
Hobbies	Robotics, Programming, Drawing, Gymnastics, Inventing, Reading, Math

--- See julientoons.github.io for a portfolio of projects ---