Julien Owhadi

☏ 818-438-2087
✉ julienowhadi@gmail.com
🖥 julientoons.github.io

EDUCATION

2017-2021	**Crescenta Valley High School**
	12th Grade, **GPA**: 4.27 (weighted), 3.82 (unweighted)
	La Crescenta, CA 91214

Electives
(2017-2021)

AP Computer Science 3-4 (Java)	AP Calculus AB	AP Physics 1
AP Computer Science 5-6	AP Calculus BC	AP Physics 2
Linear Algebra Honors	AP Statistics	AP Physics C Mechanics
AP Microeconomics	AP Language	AP Physics C Electromagnetics
AP Macroeconomics	AP Literature	AP French
Advanced Networking Security (dual enrolled at a local community college)		

Other Courses
Advanced Networking: Security (CompTIA+ Security)
Linux Course   Courses on Sololearn

LANGUAGE & IT SKILLS

Languages **English**: Native speaking   **French**: Intermediate

Computer Languages Java, C#, Python, Web (JavaScript, JSON, ES6, HTML, CSS), Arduino, Matlab, Linux CLI

Software Unity, Maya, Fusion 360, Cura, Illustrator, Krita, Gimp, Oracle (for virtualization)

INTERNSHIPS & COMMUNITY SERVICE

(m/d/y - m/d/y)	
9/10/19 - 1/1/20	Caltech, (data) to optimize the production of insulating foam (x-ray data + python)
7/20/19 - 8/20/19	Caltech, (mathematics) shadowed Profs & solved equations for Enzyme Kinetics
4/27/19	Co-organized a TEDx event
Sept. to Nov. 2018	**Mentored** students participating on Rosemont Middle School's FLL Robotics team

ACADEMIC AWARDS

AP Scholar with distinction

ACADEMIC WORKSHOPS, & COMPETITIONS

6/27-28/20	**eHacks:** My team & I worked on a client side NN to analyze subjects' eye spots
6/20-21/20	**Def Hacks Virtual:** We coded Add On, within 36h of university-level hackathon
5/27-29/20	**La Hacks 2020:** Introduced some friends to hackathons
10/12/19	**WE ARE CODE Hack-A-Thon 2019:** A 14h 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 where my team & I 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 ML, Programming, Physics, Neurosciences, Mathematics, History, Biology, Medicine

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

--- See my website for a portfolio of projects ---