

# Julien Owhadi

Junior at Crescenta Valley HS

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💻 [julientoons.github.io](https://julientoons.github.io)

## EDUCATION

2017-Present **Crescenta Valley High School**  
9th -**11th** Grade, **GPA:** 4.21 (weighted), 3.86 (unweighted)  
La Crescenta, CA 91214  
Expected Graduation Date: June **2021**

Electives AP Computer Science (Java)  
AP Computer Science 5-6  
AP Physics 1  
AP Physics 2  
AP Literature  
AP Statistics  
AP Calculus AB

## LANGUAGE & IT SKILLS

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

Computer Languages **Proficient:** Java, C#, JSON, JavaScript, ES6, HTML, CSS, Arduino  
**Familiar:** Python **Software:** Matlab & Unity

## INTERNSHIPS

9/10/19 - Present At Caltech  
Subject: Deals with de-scattering (x-ray) data intended to analyze the production of insulating foam

~7/20/19 - 8/20/19 At Caltech, supervised by Dinakar Ramakrishnan & Robert D. Tanner  
Subject: Enzyme Kinetics

## SELECTED WORKSHOPS, & COMPETITIONS

10/12/19 **WE ARE CODE Hack-A-Thon 2019:** A 14-hour AR/VR Hackathon at USC where my team & I got 2<sup>nd</sup> Place Overall

4/27/19 **Co-organized TEDx Talk:** [tedxcvhs.com](https://www.tedxcvhs.com)

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 **20<sup>th</sup> Annual Invention Convention:** 1<sup>st</sup> place; "The Handless Holder"

2015 **28<sup>th</sup> Annual Math Field Day:** First place team winner

## INTERESTS

- Learning/ Research Deep Learning, Programming, Arduino, 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):** My team and I host a TEDx event every year for our community  
**Solar Army (Seal):** A program aimed at identifying catalysts for splitting water molecules with sunlight for hydrogen fuel production  
**Math Competition Club:** (MCC)  
**Robotics Team:** competes in FRC tournaments and in the annual JPL Invention Convention Challenge
- Hobbies Building Robots, Programming, Drawing, Gymnastics, Inventing, Reading, Math

## PERSONAL PROJECTS

\*\*\* See [juliantoons.github.io](https://juliantoons.github.io) for a list of projects

## COMMUNITY SERVICE

- 2018 **Mentored** students participating in **FLL** (FIRST Lego League robotics competition) at Rosemont Middle school for a duration of about  $1\frac{1}{2}$  months