# Julien Owhadi
Junior at Crescenta Valley HS

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## EDUCATION

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| 2017-2019 | **Crescenta Valley High School**<br>9th -**10th** Grade, **GPA**: 4.20 (weighted), 3.85 (unweighted)<br>La Crescenta, CA 91214<br>Expected Graduation Date: June **2021** |
| Electives | AP Computer Science (Java)<br>AP Computer Science 5-6<br>AP Physics 1<br>AP Physics 2<br>AP Literature<br>AP Statistics<br>AP Calculus AB |

## LANGUAGE & IT SKILLS

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| Languages | **English**: Native speaking          **French**: Intermediate |
| Computer Languages | **Proficient**: Java, C#, JSON, JavaScript, ES6, HTML, CSS, Arduino<br>**Familiar**: Python          **Software**: Matlab & Unity |

## INTERNSHIPS

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| 9/10/19 - Present | At Caltech<br>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<br>Subject: Enzyme Kinetics |

## SELECTED WORKSHOPS, & COMPETITIONS

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| TBD | **Global Hackathon** |
| 4/27/19 | **Co-organized TEDx Talk:** 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 | **20th Annual Invention Convention**: 1st place; "The Handless Holder" |
| 2015 | **28th Annual Math Field Day**: First place team winner |

## INTERESTS

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| Learning/ Research | Deep Learning, Programming, Arduino, STEM, Physics, Neurosciences, Mathematics |
| Sports | **Gymnastics**: level 10 at Payke Gymnastics Academy competing at a regional level<br>**Pole Vaulting**: 2018 Record pole clearance - 10 feet<br>**Karate**: black belt |
| Clubs | **TEDx (co-President):** My team and I host a TEDx event every year for our community<br>**Solar Army (Seal):** A program aimed at identifying catalysts for splitting water molecules with sunlight for hydrogen fuel production<br>**Math Competition Club:** (MCC)<br>**Robotics Team:** Competed in FRC tournaments and in the annual JPL Invention Convention Challenge |
| Hobbies | Building Robots, Programming, Drawing, Gymnastics, Inventing, Reading, Math |

## *** PERSONAL PROJECTS

See [julientoons.github.io](julientoons.github.io) for a list of my projects

## 2018 COMMUNITY SERVICE

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