**Matthew Mejia**

Pasadena, CA 91107

Cell: 626.823.6452

Email: [mattcmej@gmail.com](mailto:mattcmej@gmail.com)

**Education**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Occidental College, Los Angeles, California (class of 2015)**

**Major:** Physics with Mathematics emphasis

**Minor:** Mathematics

**Relevant Coursework**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Math Classes:**

College Calculus, Linear Algebra, Multivariable Calculus, Discrete Mathematics, Graph Theory, Ordinary Differential Equations

**Physics Classes:**

Introductory Mechanics, Waves and Optics, Introductory Electromagnetism, Modern Physics, Thermal Physics, Quantum Mechanics, Analytical Dynamics, Simulations in Physics (Programming Class), Math Methods in Physics, Advanced Electromagnetism, Solar Panel Independent Study

**Professional Experience**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Sylvan EDGE Instructor**, *Sylvan Learning*, Woodland Hills, CA | **October 2016 – April 2017** |
| Teaching grade school children robotics with Lego kits and laptops, as well as instructing middle and high-school students in math, english, and science. |  |
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| **Tutor**, San Marino, CA | **October 2016 – present** |
| Independently tutoring high school students in physics, calculus, and math SAT prep. |  |
|  |  |
| **Substitute Teacher**, *Flintridge Preparatory School*, La Cañada Flintridge, CA | **January 2016 – present** |
| Teaching as a substitute teacher for high school students in many subjects, but especially in math and physics. |  |
|  |  |
| **Tutor**, *Perfect Fit College Consultants*, San Marino, CA | **May 2015 – October 2016** |
| Tutored high school students in physics, calculus, and math SAT prep. |  |
|  |  |
| **Customer Service / Insurance Verifier**, *Healthy Halo Insurance Services*, Burbank, CA | **June 2016** |
| Verified clients' insurance information, answered questions regarding insurance, and entered data into relevant insurance forms. |  |

**Volunteer Experience**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Solar Cup Workshop Instructor**, *Metropolitan Water District of Southern California*, Los Angeles, CA | **December 13, 2014** |
| Ran a workshop which taught high-school students about electrical circuits. |  |
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| **English-Spanish Translator**, *Occidental College*, Los Angeles, CA | **January 2014** |
| Translated between the Occidental College Glee Club and various Spanish-speaking choirs during the Occidental College Glee Club 2014 International Tour in Spain. |  |
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| **Solar Panel Programmer**, *Occidental College*, Los Angeles, CA | **June 2013 – December 2013** |
| Created a schematic for a solar panel power tester and developed the program which the device uses. |  |

**Interests / Activities**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Participant at the Comedy Improv Club in Sierra Madre, CA, 2017—present
* Member of a cappella choir “The Over Tones” in Los Angeles, CA, 2015–2016
* Capoeira Yellow Cord in Capoeira Brasil Los Angeles, CA, 2014–2016
* Participated in Relay for Life on Occidental College Campus, Spring 2013
* Participant in the Occidental College Dance Production, 2010–2014
* Member of Occidental College Barbershop Double Quartet, 2014
* Member of Occidental College A Cappella Group “Cadence,” 2013–2104
* Member of Occidental College Glee Club, 2010–2014

**Computer Skills**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Typing: 72 WPM
* Microsoft Word, Excel, PowerPoint: Proficient
* Java Programming Language: Familiar
* DipTrace PCB Design Software: Familiar
* C Programming Language: Familiar
* Soldering on Circuit Boards: Proficient
* MuseScore Music Score Writing Software: Familiar
* Sylvan iPad Software: Proficient

**Language Skills**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Speaks conversational Spanish
* Speaks conversational Tagalog