**Matthew Mejia**

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

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

**Major:** Physics with Mathematics emphasis

**Minor:** Mathematics

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

**UCLA Full-Stack Boot Camp**

GitHub, HTML, CSS, Bootstrap, JavaScript, jQuery, Firebase, Node.js, Node Package Manager, Heroku, SQL, Handlebars, Express.js

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

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

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

**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
* Member of Sityodtong Muay Thai and Brazilian Jiu-Jitsu Gym, Pasadena, CA, 2007-2010

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

* Typing: 72 WPM
* Microsoft Word, Excel, PowerPoint: Proficient
* Java Programming Language: Familiar
* HTML, CSS, JavaScript Programming Languages: Proficient
* SQL Programming Language: Proficient
* Node.js runtime environment, Node Package Manager: Proficient
* GitHub Hosting Service: Proficient
* 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