**Matthew Mejia**

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**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**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**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.

**Tutor,** San Marino, CA

Independently tutoring high school students in physics, calculus, and math SAT prep.

**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.

**Tutor,** *Perfect Fit College Consultants,* San Marino, CA

Tutored high school students in physics, calculus, and math SAT prep.

**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.

**October 2016 – April 2017**

**October 2016 – present**

**January 2016 – present**

**May 2015 – October 2016**

**June 2016**

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

**Solar Cup Workshop Instructor,** *Metropolitan Water District of Southern California*, Los Angeles, CA

Ran a workshop which taught high-school students about electrical circuits.

**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.

**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.

**December 13, 2014**

**January 2014**

**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

**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