

Jessica Moody

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EDUCATION

MOUNT SAN ANTONIO COLLEGE, *Walnut, CA*

FALL 2017 - PRESENT

Relevant Coursework: Programming in Java, C++ Language and Objects, Data Structures and Algorithms, Object Oriented Design, Programming in Visual Basic, Introduction to GIS

AMHERST COLLEGE, *Amherst, MA*

MAY 2015

Graduated with a B.A. in Geology

CALIFORNIA STATE UNIVERSITY, *Fullerton, CA*

JANUARY 2010 - MAY 2010

WORK AND VOLUNTEER EXPERIENCE

PHYSICS COACH

AUGUST 2019 - PRESENT

Mt. San Antonio College STEM Center

Walnut, CA

- Work with a small group of students on physics concepts
- Organize material, break down concepts in detail
- Share tips and strategies for solving physics problems
- Work one-on-one with students during open hours helping with homework
- Recruit students for coaching and send emails regularly informing students about on campus resources

VOLUNTEER, CALIFORNIA SCIENCE CENTER EDUCATION DEPT,

FEBRUARY 2017 – AUGUST 2017

Non-profit organization

Los Angeles, CA

- Informed guests about the various exhibits
- Lead children through fun, science-based activities
- Conducted short presentations that show connections between science and the world

AMERICORPS COLLEGE AND CAREER AMBASSADOR

NOVEMBER 2015 – JULY 2016

El Centro de Ayuda

Boyle Heights - Los Angeles, CA

- Helped initiate and develop a new summer camp for high school juniors preparing them for college and the workforce
- Worked one-on-one with 19 students on resumes, job applications, and financial aid forms, giving them personalized advice and guidance navigating post-secondary challenges and possibilities.
- Gave presentations about college, financial aid, and preparing for the work force, and led activities relating to those topics and more

ACADEMIC EXPERIENCE

GEOPHYSICS INTERN

SUMMER 2011

UCLA Geophysics Department

University of California, Los Angeles

- Studied seismographs to sort out useable data
- Used MatLab to analyze raw seismograph data for graduate students

RESEARCH INTERN

JUNE 2010 – SEPTEMBER 2010

Southern California Earthquake Center

University of Massachusetts, Amherst, MA

- Researched the San Andreas fault extensively, including: fault formation, previous experiments focusing on the region, and implications for earthquake activity in the future
- Set up, carried out, and analyzed data from an experiment examining possible analog models for the San Andreas Fault
- Documented results of my experiment using Excel charts and graphs
- Created a poster displaying my work using Adobe Illustrator
- Presented the results of my research to other professors

PHYSICS DEPARTMENT HOMEWORK T.A.

SEPTEMBER 2008 - DECEMBER 2008

Amherst College

Amherst, MA

GEOLOGY DEPARTMENT LAB T.A.

FEBRUARY 2008 - MAY 2008

Amherst College

Amherst, MA

AWARDS

FELLOWSHIP FOR ACTION

SPRING 2008

Community Service

Amherst College

RICHARD M. FOOSE SCHOLARSHIP

SPRING 2007

Geology

Amherst College