

Martin Lopez Jr.

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Education

University of California, Santa Cruz

Santa Cruz, CA

PHYSICS (ASTROPHYSICS) B.S., SUMMA CUM LAUDE

2018

- Overall GPA: 4.0, Highest Honors in the Major

Tutoring Experience

AJ Tutoring

Palo Alto

SUBJECTS: ALGEBRA 1 AND 2, PRE-CALCULUS, CALCULUS, AP PHYSICS 1, 2, AND C AND SAT

2019-Present

PHYSICS SUBJECT TEST

- Offer academic and test prep tutoring for math and physics subjects to high school students.

Private Tutor

Milpitas

SUBJECTS: ARITHMETIC, ALGEBRA, AND ENGLISH

2018

- Tutor four children with ages ranging 6-13 years old enrolled in the K12 home schooling program.

Learning Support Services Tutor

UC Santa Cruz

COURSE: ASTR 119 (*Introduction to Scientific Computing*)

2016

- Hold weekly group sessions of up to four students for the introductory Python programming course offered by the astronomy department.

Volunteer Tutor

Muslim Community Association

SUBJECTS: MATH AND ENGLISH

2017

- Provide free weekly after school walk-in tutoring for students of all ages.

AANAPISI Peer Mentor

Mission College, Santa Clara

COURSES: MATH 900 (*Arithmetic*) AND MATH 903 (*Elementary Algebra*)

2014-2015

- Work closely with the instructor to ensure the students success, attend class and walk around to help students with course material, help students develop good time management and study skills, help students transition to higher education, inform students about FAFSA, how to create an academic plan, and ensure they are taking the correct courses for their major. Be the bridge between them and the services offered on campus.

Academic Support Center Tutor

Mission College, Santa Clara

SUBJECTS: MATH, STATISTICS, PHYSICS, CHEMISTRY, AND ENGLISH

2014-2015

- Assist students in learning and understanding class content, use techniques to help students grasp and remember difficult concepts and material, encourage and work with students to achieve independence, address student's needs and identify level of comprehension, and help make students feel comfortable and open.

Subjects Offered

MATH

- Arithmetic, Elementary/Intermediate Algebra, Precalculus, Calculus, Linear Algebra

PHYSICS

- Mechanics, Electromagnetism, Thermodynamics, Fluids, Quantum Mechanics

PROGRAMMING

- Python