# Michael Olvera

1530 SW 51st Terrace • Gainesville, FL 32607• (863) 512-4721 • molvera@ufl.edu

## **EDUCATION**

Associate of Arts in Liberal Arts

Polk State College, Lakeland, FL

• Overall GPA: 3.61

**Bachelor of Science in Physics** University of South Florida, Tampa, FL

• <u>Minor:</u> Astronomy

• Overall GPA: 3.82

### Master of Engineering in Electrical Engineering

University of Florida, Gainesville, FL

Expected 2021

May 2015

Dec 2018

• Overall GPA: N/A

## **RELEVANT COURSEWORK**

• Methods of Theoretical Physics: Integrals and series, Complex Analysis, Fourier series and

transforms, ODEs, PDEs

• Electromagnetic Theory I: Graduate Level. Classical Electrodynamics by Jackson.

Electrostatics/Magnetostatics, Boundary value problems, Macroscopic Media

• Optics: Basics of Imaging, Optical Systems, Maxwell Equations, Interference, Fourier Transform

### WORK EXPERIENCE

Peer Leader, Dept. of Mathematics and Statistics, 4202 East Fowler Ave, CMC 342, Tampa, FL 33620-5700

• The purpose for peer leading is to help engage students in learning new calculus material by reviewing packets assigned each week. As a peer leader, it is my job to guide students in completing and understanding these packets as a class. Resigned December 2018.

Physics Tutor, Academic Success Center, 4202 East Fowler Ave, LIB 122, Tampa FL 33620-5700

• The ASC Hub is a tutoring center dedicated to providing students with qualified tutors and assistance. I have worked as a tutor for a year and have learned several tutor skills. Resigned December 2018.

Undergraduate Research, Department of Physics, ISA 2019, 4202 East Fowler Ave, Tampa FL 33620-5700

• During my time working with Dr. Jiangfeng Zhou on metamaterials, I have learned how to use simulation software to test the several parameters of the material for future work and studies.

## SPECIAL SKILLS

- <u>Certificates:</u> CRLA Training I
- Operating Systems: Windows XP/Vista/7/8, OSX Yosemite/El Capitan, iOS
- Applications: Python, Matlab R2017, CST Studio Suite 2017