

AUSTIN W MILLER

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(941) 5 ◊ @gmail

EDUCATION

University of South Florida, Tampa

Bachelor of Science, Physics

Electives in Astrophysics

Minors in Chemistry and Astronomy

May 2020

Physics GPA: 3.50

State College of Florida, Bradenton

Associate of Arts

May 2017

DUTIES AND RESPONSIBILITIES

Relevant Coursework Showing Comprehension of Duties

- Advanced Lab using electronic equipment to generate and test principles and experimental data against theoretical calculations. Includes knowledge and practice of safe use around electronic devices such as lasers, heating chambers, vacuum tubes, etc.
- USF Undergraduate Research Program as member of a team designing and setting up a cryogenic vacuum chamber.
- Astrophysics Lab using Python to perform calculations, verify formulae, extract and convert raw numerical data from NASA HEASARC & other astro. data systems into more useful forms for modeling. Preparation and acquisition of image data taken on observing nights.
- Other coursework including Electromagnetic Theory, Theoretical Astrophysics, Statistical Physics, Mathematical Methods (linear algebra, differential equations), etc.

CURRENT EMPLOYMENT

MM (813)

FL

Waiter, 25 hr/wk

August 2020

RL (813)

FL

Shift Supervisor, 35 hr/wk

December 2018