Liam Meier

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EDUCATION

New York University Abu Dhabi, Abu Dhabi, United Arab Emirates

- Bachelor of Science (B.Sc) in Physics — Aug 2015 – May 2019 (Expected)
  - GPA: 3.60
  - Minor in Philosophy
  - Coursework in Machine Learning and Mathematical Modeling

John Burroughs School, St. Louis, Missouri, USA

- High School Diploma, with Honors — Aug 2010 – May 2015
  - GPA: 4.45
  - 370 hours of community service

RESEARCH EXPERIENCE

Macciò Research Group, New York University Abu Dhabi

- Undergraduate Research Student — Jan 2016- Present
  - Undergraduate Thesis: Investigating the M-σ Relation with Cosmological Hydrodynamical Simulations
  - Project: Investigation of Compaction and Quenching in Large Galaxies

Environmental Fluid Dynamics Lab, New York University

- Summer Research Assistant — Aug 2017
  - Work involved collection and verification of data from the Ilulissat Icefjord in Greenland

ACADEMIC AWARDS

- National Merit Finalist — Feb 2015
  For attaining a top 1% PSAT score in the state of Missouri

- National AP Scholar — Jul 2015
  For averaging 4.875/5 on 8 AP exams

OTHER WORK EXPERIENCE

Aim High St. Louis, St. Louis, Missouri, USA

- Teaching Assistant — Jun 2012 – Jul 2014
  - Worked in classrooms instructing science, English, and social studies.
  - Spent one-on-one time with struggling students in a mentorship role

Excel Bottling Company, Breese, Illinois, USA

- Summer Worker — Jun 2015 – Jul 2015
  - Fulfilled various roles in administration, operations, and retail

ACTIVITIES

College Admissions Mentors for Africa,

- College Mentor — Jul 2017 – Present
  - Provided mentorship for high-school students in Africa applying for university in the U.S.

NYUAD Basketball Team, ADISL and HESF

- Student Athlete — Aug 2015 – Present
  - Team leader in points per game of 3rd place team in the UAE in 2015-2016 season

LANGUAGES

- English: Native language.
- Spanish: Full communication (speaking, reading, writing).
- German: Basic communication (speaking, reading).

SKILLS

Intermediate: Python, Numpy, Scipy, Matplotlib, LaTeX

Elementary: Java, MATLAB, HTML/CSS/Javascript