

## Education

- **Lincoln High School** Tallahassee, Florida  
*High School Diploma* 2013 - 2017
- **Utah Valley University** Orem, Utah  
*Bachelors of Science* 2017 - 2019  
 – Major in Pure Mathematics
- **Brigham Young University** Provo, Utah  
*Masters of Science* 2019 - 2021

## Employment History

1. **Utah Valley University Math Lab**
  - **Math Tutor.** (01/2017 - 08/2019)  
 Tutored in the Math Lab and Statistics Lab in various areas of math.
  - **Supplemental Instruction Leader.** (08/2017 - 12/2018)  
 Held review sessions outside of class to help explain difficult concepts.
  - **GRE Math Workshop Leader.** (11/2018 - 05/2019)  
 Lead workshops to prepare students to take the quantitative reasoning section of the GRE.
2. **Grader.** (08/2018 - 05/2019)  
 Graded for UVU Math Department in Calculus, 1 and 2 as well as proof based courses such as Complex Analysis and Abstract Algebra.
3. **Mu Alpha Theta Test Writer and Editor.** (08/2017 - 08/2019)  
 Wrote and edited tests for the high school organization Mu Alpha Theta (MA $\Theta$ ) to use for math competitions.
4. **Graduate Teaching Assistant.** (08/2019 - 08/2021)  
 Taught Recitation sections of Calculus 1, 2 and held office hours for these classes. Held office hours for an introductory proof class. Taught calculus classes.
5. **Graduate Research Assistant.** (08/2019 - 12/2021)  
 Worked under Dr. Darrin Doud doing research in computational algebraic number theory.
6. **High School Mathematics Teacher.** (08/2021 - 05/2022)  
 Taught Secondary Math III and Remedial Secondary Math III at Mountain View High School in Orem.

## Languages

- Spanish.
- $\text{\LaTeX}$ .
- Python.
- R.
- Sage.
- GP. Pari

## Publications

1. Rodriguez, Pablo Miguel, "Pentagonal Extensions of the Rationals Ramified at a Single Prime" (2021). Theses and Dissertations. 9342. <https://scholarsarchive.byu.edu/etd/9342>