

# David Urizar

raziru1@yahoo.com

## Education

### University of West Florida – UWF

*BS in Mathematics*

Aug. 2014 – May 2017

*Pensacola, FL*

### Florida Atlantic University – FAU

*MS in Mathematics(December 2018) and PhD in Mathematics*

June 2017 – Present

*Boca Raton, FL*

## Experience

### Ph.D. Researcher

*ALgebraic Geometry and Rigidity Theory*

- Algebraic Matroids
- Standard and Angular Rigidity Theory
- Counting Realizations of Laman-Type Graphs

August 2019 – Present

*Boca Raton, FL*

### Presentations

*Conferences*

- Graduate Presentation on Seymour's 6-Flow Theorem, 2019.
- Presented Angular Rigidity Talk at 53th Southeastern International Conference on Combinatorics, Graph Theory & Computing. 2022.

Various Time

*Boca Raton*

### High School Teaching

*Katz Yeshiva High School*

- Precalculus
- Multivariable Calculus

August 2020 – May 2021

*Boca Raton, FL*

### University Teaching

*Florida Atlantic University*

- Precalculus Algebra – Fall 2018
- College Algebra – Fall 2019
- Methods of Calculus(Calculus for Life Science Majors) – Fall 2020
- Intermediate Algebra – Fall 2021
- Introduction to Calculus with Applications(Calculus for Engineers) – Spring 2022
- Calculus-Analytic Geometry 2 – Fall 2022
- Math for Liberal Arts 2 – Fall 2022

August 2018 – Present

*Boca Raton, FL*

### Math Tutoring

*UWF and FAU*

- UWF Math Lab, received undergraduate tutor of the year award in 2016
- FAU Math Learning Center, completed 3 levels of CRLA (College Reading and Learning Association) certification

August 2015 – Present

*Pensacola and Boca Raton, FL*

## Technical Skills, Language Skills, and Interests

**Programming Language Experience:** C, APL, Macaulay2, Wolfram Mathematica

**Writing:**  $\text{\LaTeX}$ , Office

**Languages:** English (native), Spanish (fluent) **Certifications** CRLA Certified