

Marco Antonio Peña Ibarra

CURRICULUM VITAE

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Education

- 2028** **M.S. in Mathematics** (*Expected*)
The University of Texas Rio Grande Valley
- 2026** **B.S. in Mathematics, Minor in Computer Science**
The University of Texas Rio Grande Valley (GPA: 3.64)
Advisor: Dr. Wilson Zúñiga-Galindo
Project: An Introduction to p -Adic Numbers

Work Experience

- 2026** **Graduate Teaching Assistant & PLTL Mentor**
• *Fall*: Graded coursework, proctored exams, and held office hours.
• *Spring*: Oversaw PLTL sessions and provided feedback to leaders.
- 2025** **PLTL Mentor**
• *Fall*: Oversaw PLTL sessions and provided feedback to leaders.
• *Summer*: Created L^AT_EX-based worksheets for College Algebra, Precalculus, Math for Business, Pre-College Algebra, and Pre-Statistics; tutored Pre-College Algebra ($\times 2$), Pre-Statistics ($\times 2$).
• *Spring*: Promoted to Mentor; oversaw PLTL sessions and provided feedback to leaders.
- 2024** **PLTL Leader**
• *Fall*: College Algebra ($\times 2$), Precalculus, Calculus I.
• *Spring*: College Algebra ($\times 2$), Precalculus.
- 2023** **PLTL Leader**
• *Fall*: College Algebra ($\times 2$), Precalculus.

Seminars Attended

- 2026** p -Adic Analysis Seminar Series, UTRGV
Math Pathways Seminar Series, UTRGV & UTD
- 2025** NASA-RAISE Seminar Series
 p -Adic Analysis Seminar Series, UTRGV
Algebra & Number Theory Seminar, UTRGV
- 2023** Algebra & Number Theory Seminar, UTRGV

Participations and Awards

- 2026** **Chess Competition.** Pan-American Intercollegiate Championship.
- 2025** **Mental Math Competition.** International Mental Maths Olympiad, hosted by Alberto Coto García, representing Mexico.
Chess Competition. Represented UTRGV in the Collegiate Chess League.
- 2024** **Chess Competition.** Represented UTRGV in the Collegiate Chess League.
- 2016** **Mental Math Competition.** 8th National Mental Math Championship, hosted at PrepaTec (U15 category).
- 2015** **Mental Math Competition.** 7th National Mental Math Championship, hosted at PrepaTec (9th place, U12 category).

Computer Skills

Programming Languages:

- C++
- Python
- HTML, CSS
- R
- SAS

Software:

- GNU/Linux
- Git
- Microsoft Excel
- MATLAB
- L^AT_EX

Known Languages

- Spanish
- English
- Portuguese (reading)

Last updated: August 2026