

JORGE EDUARDO JIMENEZ RAMIREZ



jorge.e.jimenez@upr.edu



(+1) 7875957052



Caguas 00727

WEBSITES, PORTFOLIOS, PROFILES

- <https://www.linkedin.com/in/jorge-jimenez-ramirez-junior-researcher>
- github.com/Palgur-Github

EDUCATION

Master of Public Health,
Biostatistics

**University of Puerto Rico,
Medical Sciences Campus,**
San Juan, United States
Expected in July 2025

- Website:
<https://rcm1.rcm.upr.edu/>
- Courses: Statistical Analysis, Epidemiological Methods, Environmental Health, Introduction to Public Health, Social Sciences, Statistical Inference, Non-Parametric Statistical Inference, Applied Public Health

PROFESSIONAL SUMMARY

Graduate research assistant and student in biostatistics. Former university lecturer with experience in higher education teaching, counseling, and mentoring in math-intensive topics.

Results-oriented achiever with proven ability to exceed targets and drive success in fast-paced environments. Combines strategic thinking with hands-on experience to deliver impactful solutions and enhance organizational performance.

SKILLS

- Java, C++, Python, JavaScript, & SQL
- Node.Js, Spring boot, & React.Js
- R, RStudio, R Markdown, & R Quarto
- MATLAB
- Geographic Data Analysis
- Office 365, Apple Inc. Pages, & Google Docs
- Teamwork, collaboration, problem-solving, & curiosity
- Git & GitHub
- HTML & CSS
- STATA (Biostatistics computing software), SPSS & EXCEL
- Weka (Data Mining)
- Tableau
- Blackboard Learn, Blackboard Collaborate, & Zoom
- Creativity, adaptability, mediation, & openness.

WORK HISTORY

May 2024 - July 2025

University of Puerto Rico, Medical Sciences Campus - University Research Assistant, San Juan, United States

- Supported the professor with research material, workshops, and tutoring.
- Collaborated with more than 18 multidisciplinary teams to develop and implement case studies/ projects.

January 2024 - May 2024

Universidad Ana G. Méndez, Recinto de Gurabo y Centro Universitario de Cayey - Mathematics Lecturer, Gurabo & Cayey, United States

- Directed undergraduate quantitative methods (3 courses) and facilitated career assessment, interview preparation, mentorship, and academic services.

Research Methods, Leadership in Public Health, and Fundamentals of Management in Public Health, Regression and Correlation Analysis, Introduction to Sampling Theory, Planning, Development and Evaluation of Health Services, Community Assessment, and Capstone Project in Biostatistics and Epidemiology.

Doctor of Business Administration, Information Systems Management
Universidad Ana G. Méndez, Recinto De Gurabo (formerly Known As Universidad Del Turabo), Gurabo, United States
December 2022

- Website: <https://uagm.edu/es/recinto-de-gurabo>
- Courses: Management Research Methods, Knowledge Management, Decision Support Systems, Data Mining, Statistics, International Business Management, System Modeling, Telecommunications Management, Web-based Architecture, and Economic Analysis.
- Research: Graduate Seminar (1 year) and Thesis Defense (Issued in December 2022).
- Thesis Statement: *Determinants of Knowledge Transfer Behavior in University-to-Industry Collaborations*

Master of Sciences, Applied Mathematics
University of Puerto Rico, Río Piedras Campus, San Juan, United States
December 2013

- Increased student participation by incorporating interactive activities and group projects into lesson plans.
- Facilitated interactive classroom discussions to foster critical thinking and problem-solving skills among students.

July 2023 - October 2023

Self-employed - Job-Seeker, North Brabant, Netherlands

- Applied for many job opportunities (45+) in the United States, the Netherlands, and Belgium.
- Participated in job interviews and mentorship from faculty members in the Netherlands.
- Self-motivated, with a strong sense of personal responsibility.

January 2023 - July 2023

Not Applicable - Unemployed, Caguas, United States

- Applied to many organizations (20+) in the United States and Europe.
- Invested with the Doctor of Business Administration title on May 31, 2023.
- Officially graduated from Universidad Ana G. Méndez, Gurabo Campus, on June 1, 2023.

August 2022 - December 2022

Universidad Ana G. Méndez, Recinto de Gurabo (formerly known as Universidad del Turabo) - Mathematics Lecturer, Gurabo, United States

- Directed an undergraduate statistics course.
- Determined active learning techniques for online and hybrid courses and designed and developed assessment and evaluation tools such as online-based polls (2+), assignments (4), quizzes (2), and exams (3).
- Implemented assessment strategies to evaluate student performance and provide constructive feedback.

August 2022 - December 2022

Universidad Ana G. Méndez, Recinto de Cupey (formerly known as Universidad Metropolitana) - Mathematics Lecturer, San Juan, United States

- Directed undergraduate calculus and biostatistics courses (2).
- Developed engaging lesson plans to enhance understanding of mathematical concepts and theories.

August 2022 - December 2022

Universidad Ana G. Méndez, Recinto de Cupey (formerly known as Universidad Metropolitana) - Laboratory Technician, San Juan, United States

- Influenced and supported students with practice exercises (100+), assignments, quizzes, or IT troubleshooting.

December 2021 - January 2022

San Juan Marriott Resort & Stellaris Casino - Casino Surveillance Apprentice, San Juan, United States

- Participated in casino surveillance, card dealing workshops (3+), and gaming strategies (2+).
- Worked as a Security Officer, Luggage Aide, and Greeter.

August 2021 - October 2021

Universidad Ana G. Méndez, Recinto de Gurabo (formerly known as Universidad del Turabo) - Mathematics Lecturer, Gurabo, United States

- Directed a graduate statistics course for decision-making.
- Utilized educational technology tools (2+) to support diverse learning styles and improve student engagement.

- Website:
<https://www.uprrp.edu>
- Courses: Graph Theory, Optimization, Algebraic Combinatorics, Linear Algebra, Probability and Statistics, Decision Theory, Linear Models, & Computational (Numerical) Analysis.
- Research: Graph theory (Independent Studies & Thesis), Statistics (Project in Applied Mathematics).
- Thesis Statement: *Insights on the Middle-Layer Graph Frame*

Bachelor of Sciences,
Mathematics
**University of Puerto Rico,
Río Piedras Campus**, San
Juan, United States
June 2009

- Website:
<https://www.uprrp.edu>
- Courses: Pre-calculus, Calculus, Introduction to Real Analysis, Introduction to Complex Analysis, Algebra, Ordinary and Partial Differential Equations, Probability and Statistics, Biology, Physics, and Chemistry, Logic, Aristotelian Philosophy, Philosophy of Science, and Ethics.
- Degree Awarded with Magna Cum Laude

LANGUAGE SKILLS

Mother tongue(s): Spanish | English:

Other language(s):

French:

LISTENING A1 READING A1
WRITING A1:

SPOKEN PRODUCTION A1
SPOKEN INTERACTION A1:

German:

January 2021 - August 2021

Non Applicable - Graduate Student, Caguas, United States

- COVID-19 & Higher Education Enrollment Issues.
- Had no courses to direct and decided to take the COVID-19 Economic Relief.
- Worked on my doctoral dissertation and defended my doctoral research proposal.

August 2015 - December 2020

Universidad Ana G. Méndez, Recinto de Gurabo (formerly known as Universidad del Turabo) - Mathematics Lecturer, Gurabo, United States

- Directed undergraduate algebra courses (36+).
- Established a positive classroom environment that encouraged open communication, mutual respect, and active engagement from all students.
- Determined active learning techniques for online and hybrid courses and designed and developed assessment and evaluation tools such as online-based polls, assignments, quizzes, and exams.

April 2020 - May 2020

Universidad Ana G. Méndez, Recinto de Gurabo (formerly known as Universidad del Turabo) - Graduate Writing Assistant, Gurabo, United States

- Edited the graduate writing format (2+), proofread papers, and gave writing guidance (2+).
- Managed multiple projects simultaneously while adhering to strict deadlines, maintaining efficiency and organization.

January 2016 - May 2020

Universidad Ana G. Méndez, Recinto de Gurabo (formerly known as Universidad del Turabo) - Laboratory Technician, Gurabo, United States

- Influenced and supported students with practice exercises (100+), assignments, quizzes, or IT troubleshooting.

AFFILIATIONS

- American Statistical Association (ASA), Puerto Rico Chapter
- Asociación de Estudiantes de Epidemiología y Bioestadística (AEEB)

CERTIFICATIONS

- *IBM Data Science Professional Certificate*, Coursera, 14/01/2025 – 31/08/2025
- *Java React Full-Stack Course*, Ironhack School Inc. - 05/06/2024 – 09/08/2024
- *Milo Climate Action Academy Milo Space Science Institute (ASU) and Puerto Rico's Science, Technology & Research Trust* - 19/08/2024 – 07/12/2024
- *Virtual Analog Astronaut Level 1 MMAARS-PRSF Cohort-2*, Mars-Moon Astronautics Academy & Research Science and the Puerto Rico Space Foundation, 13/03/2024 – 24/03/2024
- *Data Analysis with R*, Puerto Rico Idea Network of Biomedical Research Excellence, 18/11/2022 – 16/12/2022
- *Summer Faculty Immersion Program*, Universidad Ana G. Méndez, Recinto de Gurabo (formerly known as Universidad del Turabo), 01/05/2020 – 29/06/2020

LISTENING A1 READING A1
WRITING A1:

SPOKEN PRODUCTION A1
SPOKEN INTERACTION A1:

Levels: A1 and A2: Basic user;
B1 and B2: Independent user;
C1 and C2: Proficient user:

- *Data Science Professional Certificate, University of Puerto Rico, Medical Sciences Campus, 01/04/2019 – 15/06/2019*