

Marianela Landi

EDUCATION

University of Illinois Springfield

Masters in Data Analysis

Expected: May 2024

GPA:4.0/4.0

College of Coastal Georgia

Bachelor of Science in Mathematics, Minors in Economics and Data Analysis

May 2022

GPA:3.9/4.0

EXPERIENCE

Software Developer Intern

Department of Innovation and Technology, Department of Revenue Illinois

Aug. 2022 - Present

Springfield, IL

- Build, review and test codes in VB.net and SQL to maintain or improve the performance of the software GenTax and to create requested reports with specific information from the database.
- Analyze user requests and research to determine the changes needed in the software to meet their needs.
- Communicate effectively and professionally with ten experienced team members and external users.
- Test, maintain and recommend software improvements to ensure strong functionality and optimization.
- Interpret software errors, debug and review codes to be able to fix them.

Supplemental Instructor Leader and Academic Tutor

ATTIC, College of Coastal Georgia

Aug. 2019 - May 2022

Brunswick, GA

- Tutored mathematics and programming upper-level courses.
- Planned and conducted weekly study sessions for a group of 15 students that resulted in a 93% passing rate.
- Set up private lessons to focus on each student, who finished the class with a 3.8 average GPA.

TECHNICAL SKILLS

Programming Languages & Tools: Python, Java, SQL, Visual Basic, R, TeX, HTML, CSS.

Software/IDE: Visual Studio, R Studio, Eclipse, GenTax, Excel, LaTeX, Tableau, Wolfram Mathematica.

PUBLICATIONS

Marianela Landi, et al., “Zeroes of Complex Random Polynomials Spanned by Bergman Polynomials,” *Involve* 14 (2021): 271-281.

- Interpreted and analyzed quantitative and qualitative data using Mathematica for computations.
- Expressed the results in the form of manuscript using LaTeX that has been published in the journal *Involve*.
- Presented the findings at the Young Mathematicians Conference hosted by Ohio State University.

LANGUAGES

English - Fluent

Spanish - Fluent

CONFERENCE PRESENTATIONS AND INVITED TALKS

“Quadratic Reciprocity”

Mathematics and Data Science Club, College of Coastal Georgia, November 2020.

“Zeroes of Complex Random Polynomials Spanned by Bergman Polynomials”

Young Mathematicians Conference, Ohio State University, August 2020.

LEADERSHIP POSITIONS

Academic:

- Kappa Mu Epsilon President, College of Coastal Georgia.** Aug. 2021 - May 2022
National Honor Society in Mathematics.
- Mathematics and Data Science Club President, College of Coastal Georgia.** Aug. 2020 - May 2022
Organization that supports and give opportunities to students of the field.
- STEM Collaborate Mentor, College of Coastal Georgia.** Aug. 2020 - May 2022
Direct academic support for first-year STEM students.

Athletic:

- Assistant Tennis Director, Ocean Reef Club.** May 2022 – Aug. 2022
North Key Largo, FL
- Student - Athlete Leadership Team (SALT)** Aug. 2018 – May 2022
Captain of the Women's Tennis Team at the College of Coastal Georgia.
- Assistant Tennis Director, Pine Hollow Country Club** May 2021 – Aug. 2021
East Norwich, NY

AWARDS AND CERTIFICATIONS

Academic:

- Google Data Analytics Professional Certificate.** Expected: July 2023
Coursera
- Outstanding Senior in Mathematics, College of Coastal Georgia.** May 2022
Award to the most valuable student with the highest GPA in the department of Mathematics
- Student Hall of Fame, College of Coastal Georgia.** May 2022
Single highest honor to students who have made significant contributions to the betterment of the College.

Athletic:

- Female Student-Athlete of the Year Nominee, College of Coastal Georgia.** 2020 - 2022
Award voted by the head coaches and administrative staff of the College.
- Scholar-Athlete Award, College of Coastal Georgia.** 2021 - 2022
Award for student-athletes with an academic standing of a 3.5 or higher cumulative GPA.