

Melissa De Jesus | Curriculum Vitae

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Education

Florida International University

PhD in Applied Mathematics

Institution GPA: 3.89

Miami, FL

August 2020 – Present

Florida Atlantic University

M.S. in Mathematics

Institution GPA: 3.577

Boca Raton, FL

August 2017 – May 2020

St. Joseph's College

B.S. in Mathematics & Math\Computer Science

Institution GPA: 3.947

Major GPA: 3.980

Patchogue, NY

August 2013 – May 2017

Professional Overview

Graduate Mentor

Florida International University

Led a research project for advanced undergraduate students during Applied Mathematics Research Program for Undergrads (AMRPU) at FIU. Was responsible for teaching preliminary topics to the students, checking their work and answering any questions they had throughout the project, and guided them through their presentation and potential paper.

Miami, FL

May 2022– July 2022

Graduate Teaching Assistant

Florida International University

Graded homework assignments and provided feedback to instructors. Monitored and provoked problem solving discussions in small groups both in person and virtually.

Miami, FL

August 2020– Present

Graduate Teaching Assistant

Florida Atlantic University

Taught introductory math courses for the university. Assisted in the Math Learning Center by giving academic guidance to undergraduate.

Boca Raton, FL

August 2017 – May 2020

Summer Intern

Brookhaven National Lab

Brookhaven, NY

June 2016 – August 2016

Helped restore a model synchrotron to help explain to the public how the National Synchrotron Light Source II is a great research tool. Attended weekly meetings to discuss the design build of new beamlines. Learned to integrate computer programs and electrical circuits to move motors and control light switches.

Memberships

Association for Women in Mathematics

Recording Secretary

Florida International University

2022-Present

Student in Graduate Mathematics Association

Recording Secretary

Florida International University

2022-Present

American Mathematical Society

Participating Member of Student Chapter

Florida International University

2020-Present

Society for Industrial and Applied Mathematics

Participating Member of Student Chapter

Florida International University

2020-Present

References

Ciprian Gal

Associate Professor

Mathematics and Statistics

Florida International University

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Svetlana Roudenko

Graduate Program Director

Mathematics and Statistics

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Necibe Tuncer

Associate Professor

Mathematical Sciences

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