

# DARIO TERAN ACARO

## Curriculum Vitae

### EDUCATION

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- University of Florida** *Aug 2019 - May 2024 (Expected)*  
Ph.D. in Mathematics  
Tentative Thesis Title: Flat morphism of Adic Spaces
- University of Florida** *Aug 2019 - May 2021*  
M.Sc. in Mathematics
- Universidad San Francisco de Quito** *Aug 2014 - May 2018*  
Licenciado en Matemática (Cum Laude)  
B.S. in Mathematics (Cum Laude)

### ACADEMIC EXPERIENCE

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- Universidad San Francisco de Quito-Amarun, Ecuador** August 2016 - September 2016  
*Summer Course*  
Introduction to Algebraic Topology [1]
- Universidad San Francisco de Quito-Amarun, Ecuador** July 2016  
*Summer Course*  
Introduction to Elements in Homological Algebra
- Instituto de Matematica Pura e Aplicada – IMPA, Brazil** January 2016- March 2016  
*Summer School*  
I attended the summer program offered by IMPA for best ranked university students in the Iberoamerican math competition of 2015

### WORK EXPERIENCE

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- University of Florida** Fall 2021 - Present  
*Teaching Assistant*  
Precalculus and Trigonometry Fall 2021  
Analytic Geometry and Calculus 2 Spring 2022  
Analytic Geometry and Calculus 2 Fall 2022
- University of Florida** Summer 2022  
*Lecturer*  
Analytic Geometry and Calculus 2 Fall
- Universidad San Francisco de Quito** Jan 2019 - May 2019  
*Teaching Assistant*  
Teaching Assistant for Calculus II and Linear Algebra on Spring 2019

## RESEARCH EXPERIENCE

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**Flat morphism on Adic Spaces** In Preparation  
*Thesis*

Advisor: Ph.D. Richard Crew

**Möbius Transformations and Dirichlet's Problem** 2018  
*Thesis*

Available at <http://repositorio.usfq.edu.ec/handle/23000/7379>

Advisor: Ph.D. David Hervas.

**Analytic Evaluation of Hecke Eigenvalues for classical Modular Forms** 2018  
*Paper*

Available at <https://arxiv.org/abs/1806.01586>

Advisor: Ph.D. Nathan C. Ryan.

## TALKS AND PRESENTATIONS

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**Flat morphism on Adic Spaces** November 2022  
*Oral Examination*

**Introduction to Hausdorff completion of commutative Rings** September 2022  
*Algebra Seminar - University of Florida*

**Valuation Rings: A ring theoretic approach to valuation theory.** March 2022  
*Student Algebra Seminar - University of Florida*

## SKILLS AND OTHER ACTIVITIES

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**Languages** Spanish: Native, English: Proficient

**Other Activities** Mathematical Olympiads: Contestant and Trainer

## AWARDS AND HONORS

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**Fulbright Scholarship** August 2019 - July 2021  
*Grant*

**Fulbright Foreign Student Program** June 2018  
*Grant*

**Opportunity Funds Program in Ecuador** April 2018  
*Grant*

**Iberoamerican Olympiad of University Mathematics, OIMU - Mexico** 2017  
*Bronze Medal*

**National Mathematical Olympiad, OMEC - Ecuador** 2017  
*Bronze Medal*

**IX Inter-University Iberoamerican Mathematics Competition, CIIM - Ecuador** 2017  
*Honorable Mention*

**National Mathematical Olympiad, OMEC - Ecuador** 2016  
*Bronze Medal*

**VIII Inter-University Iberoamerican Mathematics Competition, CIIM - Brazil** 2016  
*Honorable Mention*

**Instituto de Matematica Pura e Aplicada, IMPA - Brazil** 2015  
*Scholarship for Summer Program*

<b>VII Inter-University Iberoamerican Mathematics Competition, CIIM - Mexico</b>	2015
<i>Honorable Mention</i>	
<b>Modern Mathematics, International Summer School for Young Mathematician, Jacob University - Germany</b>	2015
<i>Admission</i>	
<b>VI GAR, Senecyt - Ecuador</b>	2014
<i>Scholarship</i>	
<b>Convenio USFQ - Senecyt. Ecuador</b>	2014
<i>Full Tuition Scholarship</i>	
<b>James Clerk Maxwell Scholarship, San Francisco de Quito University-Ecuador</b>	2014
<i>Full Tuition Scholarship</i>	