LUIS ORTIZ

PH.D. CANDIDATE STUDENT

RESEARCH INTEREST

Atomic Force Microscopy (AFM) studies for material characterization. I currently investigate magnetic sample via an extension of AFM called Magnetic Force Microscopy (MFM). This tools are common in data storage applications.

EDUCATION

University of Puerto Rico at Humacao - Bachelor in Physics Applied to Electronics, 2013 -2018

University of Connecticut -Material Sciece and Engineering (MSE) Ph.D. Candidate. 2019 - Now

CONTACT



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in

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ACADEMIC EXPERIENCES

- REU 2015: University of Alabama in Huntsville (UAH) in collaboration with NASA - Heliophysics
- REU 2016: Michigan State University Nuclear Physics
- REU 2017: Princeton University Electrical Engineering
- REU 2018: Brigham Young University Material Science
- Exchange: Universidad de Palermo Argentina

PRESENTATIONS

- Poster; American Geophysical Union 2015
- Oral: Junior Technical Meeting 2016
- Poster: Partnership for Research ane Education of Materials Annual Meeting - 2016
- Electronic Materials and Applications 2020

ADITIONAL PROGRAMS

- Scholarship: Puerto Rico Louis Stokes Alliance for **Minority Participation**
- Fellowship: Partnership in Research and Education in **Materials**
- Fellowship: Bridge to the Doctorate Louis Stokes Alliance for Minority Participation

OUTREACH

- Explore Engineering MSE Department
- Puerto Rican Students Assiation Graduate Student Panel