



ISABEL MIRANDA

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EDUCATION

Worcester, MA, USA

Bachelor of Arts, Geography and Studio Art

Clark University / 2013 - 2017

Presidential Scholarship, 2013–2017

Overall GPA: 3.88

Highest Honors

Awards

Dean's List-First Honors, 2014–2017

National Council For Geographic Education (NCGE) Excellence in Scholarship Award

Phi Beta Kappa Honor Society

Master of Science, Geographic Information Science, expected May 2018

RELEVANT EXPERIENCE

January - Present // Worcester, MA

Photographer

Photography Directed Study with NGO, Worcester Roots

- Document the progress of several cooperatives that are starting in Worcester using photography, cooperatives include the Future Media Focus Cooperative, Greenvitalize Urban Growers, SproutsChange, and WooRides
- Edit and select photographs using Adobe Photoshop
- Organize and communicate with each cooperative appointments for a photo shoot

August 2016 - Present // Clark University, Worcester, MA, USA

Graphic Designer

Department of Visual and Performing Arts

- Create posters using InDesign, Photoshop and Illustrator for Student Recital, Jazz, and Sinfonia concerts as well as posters for Henry IV and DNA theater performances

June 2017 - August 2017 (10 weeks) // Athens, GA, USA

Research Consultant

NASA DEVELOP

- Participated in the Eastern India Ecological Forecasting team to conduct a multi-sensor approach to forecast mangrove biophysical health parameters and mangrove extent in the Bhitarkanika Wildlife Sanctuary, Odisha, India
- Conducted a supervised land cover classification using the random forests algorithm in Google Earth Engine Explorer
- Researched potential driver variables to create a mangrove extent forecasting model using Landsat 5 TM and Landsat 8 OIL data in the Land Change Modeler in the TerrSet software

ADDITIONAL EXPERIENCE

August 2017- Present // Clark University, Worcester, MA, USA

Graduate Research Assistant

Clark Labs

- Map and examine different methods for land cover classification of mangroves, aquaculture and coastal wetlands using Landsat 5 satellite imagery for the year 1999 in Myanmar, Vietnam and Cambodia

June-July 2015 (8 weeks) // Clark University, Worcester, MA, USA

Research Fellow

Human Environmental Regional Observatory (HERO), O'Conner Fund

- Collaborated with a group of six students to evaluate the survivorship and health of newly planted trees after the 2008 Asian Long-horned Beetle Infestation
- Characterized residents' experiences of tree planting programs through interviews
- Presented at the Department of Conversation and Recreation (DCR) findings from study, including statistics on tree mortality and interview themes on tree care and significance of trees in a neighborhood

SKILLS *(strengths in bold)*

Microsoft Office

ArcMap

TerrSet (IDRISI)

Adobe InDesign

Adobe Photoshop, Illustrator

Fluent in Spanish

PRESENTATIONS/ EXHIBITIONS

Dallas, TX // January 2018

Exhibited Photographer

tpsNewVisions: A Student Show, Tammy Cromer Gallery

Exhibit at the Tammy Cromer Gallery in Dallas, Texas on January 20, 2018.

Honorable Mention:

- Salem Guitarist. 9.5" x 14", Archival Digital Print.
- Hands. 9.5" x 14", Archival Digital Print.

Worcester, MA // February 2018

Exhibited Photographer

Fourteenth Annual College Show, The Aurora Gallery, ArtsWorcester

Photographs:

- Two Men. 11" x 14", Archival Digital Print.
- Man on Train. 11" x 14", Archival Digital Print.

Washington D.C. // August 2017

Presenter

Annual Earth Science and Applications Showcase (AESAS) - NASA Headquarters

Eastern India Ecological Forecasting III: A Multi-Sensor Approach to Enhance the Prediction of Mangrove Biophysical Characteristics in Chilika Lagoon and Bhitarkanika Wildlife Sanctuary, Odisha, India.

COURSES

Geography

Advanced Vector GIS

Spatial Analysis for Health

Intermediate Quantitative Methods

Climate Systems and Global Environmental Change

Advanced Remote Sensing

Landscape Ecology

Graphic Design/ Photography

Graphic Design Projects

Graphic Design Studio

Intermediate Photography

Directed Study in Photography