

Lorrayne Miralha

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Education

University of Kentucky, Lexington, KY

Graduation – May 2018

M.A. in Geography

Federal Rural University of Rio de Janeiro – Rio de Janeiro, Brazil

March 2016

B.S. in Forest Engineering

Oregon State University, Corvallis, OR

March 2014 – August 2015

Exchange Program in Forest Engineering – Sponsored by CAPES

Experience

Research Assistant, NSF Project (University of Kentucky)

Present

- Analyzing Spatial Autocorrelation in geospatial databases
- Setting data, handling several analyses in ArcGIS, GeoDA and SAM.

Teaching Assistant, GEO 130 - Earth's Physical Environment (University of Kentucky)

Present

- Assistance in teaching earth processes, global climate, weather conditions, feedback processes. Also, holding office hours and grading.

Geography Graduate Student Union (GGSU) – Board Treasurer (University of Kentucky)

Present

- Responsible for the financial reports in meetings, bank account management, management of expenses and credits.

Administrative Assistant, City Hall (Rio de Janeiro – Brazil)

Jan 2011 – Jan 2016

- Database development, saving search time from 3 days to 20 minutes.
- Generating official reports to the government associated with products control system.

Intern, Reforestation Research, and Studies Laboratory (UFRRJ) – RJ/Brazil

Sep 2015 – Dec 2015

- Activities related to reforestation implementation and monitoring projects, and seedling production.

Intern, Remote Sensing Laboratory (Oregon State University)- Oregon/USA

Mar 2015 – Aug 2015

- Project: Potentials and limitations of Mapping Vegetation Decline and assessing growth loss from Swiss Needle Cast using LiDAR and satellite remote sensing. ArcGIS analysis manipulation and statistical analysis.



Marketing Director, Junior Company in Agrobusiness (UFRRJ) - RJ/Brazil Jun 2013 – Mar 2014

- Founded Member, responsible for the development of marketing strategies, bringing clients, managing media, and organizing events.

English Teaching Assistant, EXCEL Language School - RJ/Brazil 2006 – 2012

- Primary Instructor in Basic to Advanced level English classes for different age groups.

Bilingual Secretary, Odebrecht Oil & Gas - RJ/Brazil 2008 - 2010

- Generating reports, organizing documentation and building datasets

Computer Teaching Assistant, Cedaspy Informatic Course – RJ/Brazil 2006 - 2007

- Helping students in laboratory activities; teaching hardware and software. Topics ranging from building computers to Microsoft package (Excel, Word, Power point) and design software (Dreamweaver, Corel Draw).

Certificates

Graduate Certificate in Applied Statistics (University of Kentucky) In Progress

- Descriptive Analysis, Design of experiments, Spatial Statistics, Geospatial Methods, Biostatistics, Survey Methods.

Awards & Scholarships

Outstanding Academic Performance – Oregon State University – Fall 2014/ Winter 2015/ Spring 2015
Exchange Program Award – Sponsored by CAPES – March 2014 – August 2015

Volunteering

Oregon Climate Intern – helping with carbon bills (March 2015 to May 2015)

Volunteer Match – making food bag for refugees (January 2017)

Maxwell Church – helping serving dinner (February 2017)

DOPE (Dimensions of Political Ecology) Conference - registration desk and support to attendees (February 2017)



Events Organization/Participation

- 3rd State Meeting of the Rio de Janeiro Local Banana Productivity – Organizer
- Corporative Sustainability, Innovation and Entrepreneurism – Organizer
- CHOICE – Social Business – Attendee
- 10th Forest Engineering Academic Week - “50 years of Forest Engineering: North to South History” – Attendee with course in “Bioengineering of Solos in Regulation of Water Bodies, Degraded Areas, and Slope Stabilization” - Attendee
- 2nd Symposium of Applied Management in Forests – “Forests – The heart of the Green Economy”- Attendee
- 13th Forest Engineering Academic Week - “Forest Sector News and Forest Multiplicity” – Attendee

Skills

Courses: GPS and Data collection, Forest Restoration, Environmental Assessment, Drones, Sustainability applied to Business, Social Business, Management Assistant.

Software: ArcGIS, QGIS, Fusion, Corel Draw, Microsoft Package, AutoCAD.

Statistical Tools: R, SAS, SPSS, STATA, GeoDa.

Languages: English (fluent), Portuguese (native), Spanish (basic)