CATALINA ROMERO HERNANDEZ

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HIGHLIGHT OF SKILLS

- Data analysis using econometric modelling techniques.

- Experience in research presentation.

- Advanced application of software such as Microsoft Office Suite, Google G Suite, Stata, ArcGIS, and R.

- Proven ability to work collaboratively with diverse groups, establishing and strengthening existing stakeholder relationships.

- Ability to work independently and with little oversight.

EDUCATION

M.Sc., Agricultural and Resource Economics　　　　　　　　　*September 2018 - July 2020*
Department of Resource Economics and Environmental Sociology, University of Alberta

- **Thesis title:** Food Security in Developing Countries: Gender and Spatial Interactions

B.Sc., Economics　　　　　　　　　　　　　　　　　　　*August 2011 - May 2015*
Department of Social Sciences, Universidad de Bogota Jorge Tadeo Lozano

WORK EXPERIENCE

Graduate Research Assistant - Thesis Project　　　　　　　　*May 2019 - July 2020*
University of Alberta, Edmonton, AB

- Conducted statistical analysis, including spatial analysis (ArcGIS), using household-level data of farmers living in West Africa, East Africa, and South Asia.

- Completed analysis on how household gender and spatial interactions affected food security on smallholder farms in West Africa, East Africa, and South Asia.

- Determined that spatial effects of neighbors generate a positive spillover effect as they improve others food security through regression analysis (SAR model) on food security.

- Implemented econometric modelling to estimate gendered spatial interactions among households.

- Developed in-depth knowledge of policy development intervention, statistics, and research methodologies.

- Completed a thorough literature review on gender and food security.

- Developed basic skills on the use of Python and Latex.

Graduate Teaching Assistant　　　　　　　　　　　　　*September 2018 - April 2019*
University of Alberta, Edmonton, AB

- Served as a teaching assistant for an Applications of Linear Models to Food, Resources, and the Environment undergrad course.

- Served as a teaching assistant for a Statistical Analysis undergrad course.

- Guided laboratory sections.

- Graded examinations, assignments, or papers and recorded grades.

- Scheduled and maintained regular office hours to meet with students.

- Administered grading and record keeping of examinations, assignments, and papers.

Contract Fulfilment Management Specialist   *November 2017 - July 2018*
Huawei Technologies Colombia LTD. Bogota, Colombia

- Developed the new contracts in the system according to specific requirements for each customer.

- Established statistics and indicators to show sales, quantity of purchase orders and / or contracts recorded and the registration cycle for each account.

- Prepared weekly and monthly reports for the Colombian headquarters as well as the corporate headquarters in China.

- Led the reception, registration, and monitoring of sales contracts and purchase orders.

- Reviewed contracts and ensured corporate policies were fulfilled.

- Optimized contract registration time to accomplish set sales goals.

Billing Specialist   *October 2016 - October 2017*
Huawei Technologies Colombia LTD. Bogota, Colombia

- Supervised all billing and revenue reports for all company projects.

- Completed financial analytical reports.

- Redesigned billing process to achieve accurate reports in less time.

Operations Analyst II   *March - October 2016*
Credivalores Crediservicios S.A.S. Bogota, Colombia

- Was responsible for analyzing and verify the billing of credit card services.

- Supported the management of requests and complaints generated by credit card users.

- Was responsible for customer satisfaction regarding the credit card billing process.

LEADERSHIP AND VOLUNTEER EXPERIENCE

VP Social, Department of REES   *May 2019 - April 2020*
Resource Economics and Environmental Sociology Students' Association, University of Alberta

- Organized and lead diverse social gatherings for the Resource Economics and Environmental Sociology Department.

SELECTED ACHIEVEMENTS

University of Alberta   *September 2019*

- First place, Department of Resource Economics Environmental Sociology Three Minute Thesis Competition

Huawei Technologies Colombia LTD.   *October 2016 - October 2017*

- Redesigned billing and revenue reporting to achieve more accurate and dynamic reports in less time.

TECHNICAL SKILLS

Computer Programming: Basic skills in LaTeX, Python.
Statistical Programs: Advanced skills in R, Stata.
Microsoft Office Suite: Outlook, Excel, Word, PowerPoint, OneNote, Publisher.
Languages: English, and Spanish.

INTERESTS/HOBBIES

Gardening, handcrafts, endurance sports, reading, and dancing.

REFERENCES

Available upon request.