Martín Domínguez Durán

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SUMMARY

Environmental Engineer and Geoscientist from Los Andes University, Bogotá, Colombia and MSc Geo-Information student at Wageningen University & Research, The Netherlands. I am a dynamic, hard-working and curious professional with a particular interest in research topics involving environmental health, environmental modeling, data science, Geographic Information Systems and remote sensing.

EDUCATION

Universidad de los Andes, Bogotá, Colombia

School of Engineering
  B.S., Environmental Engineer (GPA: 4.45/5) - *Cum Laude*   *Jul. 2016 - Dec. 2021*

School of Sciences
  B.S., Geoscientist (GPA: 4.45/5)   *Jan. 2018 - Dec. 2021*

School of Arts
  Minor in Photography   *Jul. 2017 - May. 2021*

Wageningen University & Research, Wageningen, The Netherlands
  M.Sc., Geo-Information Science (GPA: 8.7/10)   *Aug. 2022 - present*

PUBLICATIONS

- *Exploratory study of residential radon in Bogotá, Colombia and neighboring municipalities*

ACADEMIC EXPERIENCE

School of engineering, Universidad de los Andes, Bogotá, Colombia

Teaching Assistant   *Jul. 2018 - May. 2019*
- Environmental Fluid Mechanics - Professor J. Plazas

School of Sciences, Universidad de los Andes, Bogotá, Colombia

Teaching Assistant   *Jul. 2021 - Dec. 2021*
- Geophysics - Professor I. Molina

PROFESSIONAL EXPERIENCE

Nutrición de plantas S.A., Tuluá, Valle del Cauca, Colombia

Technical advisor on Agrosat services   *Jul. 2021 - Nov. 2021*

- Support in the making of "Feasibility analysis of *Crosscheck* methodology in Heavy Metal distribution"
- Support in the implementation of soil diagnostic services for agriculture (*Nutricheck*)

Universidad de Los Andes, Bogotá, Colombia

Independent Professional on research project   *Nov. 2021 - Dec. 2021*

- Conducting and writing the paper of the study "Residential radon concentrations in Bogotá and neighbouring municipalities, Colombia: Results of an exploratory study" under the supervision of professor C. Huguet

OUTSTANDING COURSES	• Modeling and Numeric Analysis (5/5) • Thesis (5/5) • Remote Sensing (9.5/10)	LANGUAGES	• *Spanish*: Native • *English*: Proficient (7.5/9 - IELTS) • *French*: Upper-intermediate (C1 - DALF)
PERSONAL SKILLS	• Analytical • Adaptable • Team worker	COMPUTER SKILLS	• Basic Knowledge: AUTOCAD, MATLAB • Intermediate Knowledge: LaTeX, R, Ps • Advanced Knowledge: PYTHON, ARCGIS, QGIS

PROFESSIONAL DEVELOPMENT

University of Toronto
- Coursera Online specialization: GIS, Mapping, and Spatial Analysis   *July 2020*

Imperial College of London
- Coursera Online specialization: Mathematics for Machine Learning   *January 2022*

University of Michigan
- Coursera Online specialization: Applied Data Science with Python   *July 2020*