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, data science, Geographic Information Systems and remote sensing. I am passionate about making scientific research reproducible and accessible by the creation of interactive dashboards.

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: 8.55/10)   *Aug. 2022 - present*

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*)

Avinal S.A., Medellín, Antioquia, Colombia

Independent professional on GIS advisory   *May. 2022 - Aug. 2022*

- Train the environmental team in the use of QGIS.
- Support in the making of "Master environmental plan" for Granja Aurora

Universidad de Los Andes, Bogotá, Colombia

Independent Professional on research project   *Nov. 2021 - Feb. 2022*

- 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		LANGUAGES	
	• Machine Learning (8.5/10) • Geoscripting (9/10) • Remote Sensing (9.5/10)		• *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, QGIS • Advanced Knowledge: PYTHON, GEE

PROFESSIONAL DEVELOPMENT

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*