

Juan Camilo Osorio Ospina

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SUMMARY

Graduate in Biology from the University of Los Andes. I have a strong interest in collaborating with companies and institutions that focus on research and education projects aimed at biodiversity conservation. With experience in education and curatorship of biological collections. Additionally, I am proficient in programming languages and programs like R, QGIS and HTML. I possess full professional proficiency in both English and Spanish. With knowledge in botany, ecology, and taxonomy. I am known for being self-motivated, resourceful, dynamic, and self-sufficient.

EDUCATION

University of Los Andes

Bachelor's degree of Science in Biology

Bogota, Colombia

2018 – 2023

WORK EXPERIENCE

Cartagena Botanical Garden “Guillermo Piñeres”

Research associate & Assistant secretary

Cartagena, Colombia

January 2023 – Present

Research projects: I contribute to plant ecology and conservation research. This involves overseeing projects, conducting fieldwork, performing statistical analysis, and managing data. I also take the lead in seed germination trials and utilize specialized software to create informative maps. **Herbarium work:** I collect, prepare, and process herbarium specimens. **Education and outreach:** I actively engage in educational initiatives, overseeing programs, workshops, and outreach events aimed at educating both undergraduate students and the wider public. Additionally, I play a role in maintaining the Garden's online presence, ensuring that the website is consistently updated with pertinent content related to research, collections, events, and educational programs. **Administrative support:** I provide administrative support to executives and senior staff, handling tasks such as managing schedules, organizing meetings, managing correspondence, maintaining records, and preparing budgets. This ensures smooth operations and efficient workflow within the botanical garden.

University of Los Andes

Academic tutor for Sinapsis (Center for the Academic Success in the Sciences).

Bogota, Colombia

August 2018 – December 2022

Functions: Provided academical guidance to students taking STEM classes. In addition to this, coordinated scouting projects for the university and created support material for pupils. **Achievements:** Through individual and group tutoring sessions, I enhanced academic performance and perception in introductory STEM and medical courses. Additionally, I collaborated with colleagues to conceive the 'BioReto', a tool designed to assess the professional skills of newly graduated biology students.

Teaching assistant

August 2019 – December 2022

Functions: Coordinated and supervised virtual and in-person courses. As well as, assisted in the delivery of lectures, planned structured workshops for pupils, and mentored students in laboratory classes. **Achievements:** Undergrad students developed research projects and improved academic performance. The courses covered subjects in Botany, Ecology and Systematics.

Freelance

Consultant for sustainable agricultural projects

Anaime, Colombia

June 2019 – November 2020

Functions: Performed traceability reports regarding the phytosanitary status of arracacha, bean and pea crops. **Achievements:** Improved the productivity of these crops, carried out soil restoration activities and optimized fertilization and pest control regimes, reducing input costs.

SOFTWARES AND CODING LANGUAGES

RStudio, HTML, QGIS, Office Package (Applied to Office Automation), Adobe Photoshop and ImageJ.

RESEARCH PROJECTS

Osorio Ospina, J. C., Molina J. A. (2023). Spatial aggregation and resting places of *Apterionotus galvisi* (Apterionotidae: Gymnotiformes) individuals in a stream in the Orinoquia region (Meta: Colombia). Universidad de los Andes. <http://hdl.handle.net/1992/69261>

VOLUNTEER WORK

C.J. Marinkelle Natural History Museum

Plant Assistant Curator

Bogota, Colombia

January 2018 – April 2020

Identified and prepared plant specimens in the herbarium, as well as tabulated information to an online format for Specify.

LANGUAGES

Spanish

English

German

Native speaker

Full professional proficiency (IELTS: 8/9, C1)

Elementary proficiency (B1)

HONORS AND AWARDS

University of Los Andes

Full merit-based scholarship “Quiero Estudiar”.

Bogota, Colombia

December 2017

CONGRESSES

VI Colombian Zoological Congress

March 2023, Cordoba, Colombia

REFERENCES AND CERTIFICATES UPON REQUEST