Oscar A. **Quintero López**

BACHELOR OF SCIENCE IN BIOLOGY

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Experience

National University of Colombia   *Bogotá, D.C.*

INDEPENDENT CONTRACTOR   *2023*

- Developed and implemented the necessary physical and documentation infrastructure to enable effective communication using LoRaWAN technology, enabling successful delivery of multiple projects.
- Designed and built the necessary infrastructure to support LoRaWAN communication technology, including physical components and supporting documentation, to enable seamless delivery of multiple successful projects using this technology.

Francisco José de Caldas District University   *Bogotá, D.C.*

WORKSHOP INSTRUCTOR   *2018-2019*

- Provided technical support to facilitate the execution of workshops aimed at enhancing computer literacy.
- Offered assistance to ensure the smooth running of technical workshops and provided guidance to participants on the basic concepts of Linux.
- Supported the development of technical skills through the provision of expert guidance and technical support, as well as conducting workshops on the fundamental principles of Linux.

Education

Francisco José de Caldas District University   *Bogotá DC, Colombia*

BACHELOR OF SCIENCE IN BIOLOGY   *Feb. 2016 - Dic. 2022*

Professional Development

DNA Institute   *Bogotá DC, Colombia*

GENETIC DIAGNOSTIC TECHNIQUES   *May. 2023*

- Course duration: 7 hours, theoretical

Platzi   *Bogotá DC, Colombia*

PROFESSIONAL GIT AND GITHUB   *Abr. 2023*

- Course duration: 18 hours, theoretical and practical.

Platzi   *Bogotá DC, Colombia*

LINUX SERVER ADMINISTRATION: RESOURCE MANAGEMENT   *Mar. 2023*

- Course duration: 18 hours, theoretical and practical.

Platzi   *Bogotá DC, Colombia*

INTRODUCTION TO C, FUNCTIONS IN C, CONTROL FLOW IN C   *Mar. 2023*

- Course duration: 33 hours, theoretical and practical.

IAEA (International Atomic Energy Agency)   *Bogotá DC, Colombia*

NATIONAL TRAINING COURSE ON MUTATION INDUCTION OF POLYPLOID CROPS   *Jul. 2022*

- Course duration: 40 hours, theoretical and practical.

Platzi   *Bogotá DC, Colombia*

ASTROBIOLOGY   *Ene. 2021*

- Course duration: 10 hours, theoretical and practical.

University of the Andes   *Bogotá DC, Colombia*

MECHANICAL FORCES IN BIOLOGY: THEORY AND SIMULATIONS   *Oct. 2019*

- Workshop: The Max Planck Tandem Group in Computational Biophysics

Skills

Programming	Python, Bash, LaTeX, C
Platforms	Linux (Ubuntu, Archlinux, fedora), Docker
Versioning	Git
Building	CMake

Languages

Spanish	Native
Engilsh	Intermediate proficiency

Extracurricular Activity

BIOMOLC (Molecular Biology and Agrigenomics Research Group)   *Bogotá D.C. - Colombia*

BEGINNING RESEARCHER   *Ago. 2016 - PRESENT*

- Developed RNA-Seq data analysis pipelines using Linux-based programs, demonstrating proficiency in Linux and bioinformatics.
- Assisted in conducting workshops on basic Linux and data analysis, contributing to the dissemination of knowledge and skills within the research group.