ORIANA BHASIN

Environmental Data Scientist

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Dynamic Data Analyst and Environmental Scientist with a PhD in Evolutionary Biology & Ecology and over 5 years of experience. Proven expertise in leveraging data analysis tools like R, Python, and QGIS to deliver actionable insights for sustainability and conservation projects. Adept at working in fast-paced environments, managing complex projects, and collaborating with cross-functional teams. Fluent in French, English, and Spanish, with a demonstrated ability to solve complex problems and drive innovation through data.

CORE COMPETENCIES

- Data Analysis & Visualization (R, Python, QGIS).
- Project Management & Leadership.
- Predictive Modeling & Statistical Analysis
- Sustainability & Environmental Conservation.
- Multilingual Communication & Collaboration (French, English, Spanish).

WORK EXPERIENCE

RESEARCH SCIENTIST & PROJECT LEAD　　　　　　**October 2018 – November 2023**
National Fund for Scientific Research, Brussels

- Spearheaded data-driven projects focusing on forest management and biodiversity using R, Python, and QGIS.
- Conducted complex statistical analyses to inform sustainable policy decisions, improving project efficiency by 25%.
- Published 2 peer-reviewed articles and presented findings on timber species genetic diversity and pollination dynamics at 3 international conferences.
- Increased MSc thesis completion rates by 30% through effective mentorship, offering support in data analysis and technical writing.

PROJECT MANAGER　　　　　　**March 2021 – March 2022**
Zooniverse Citizen Science Portal, **Online**

- Boosted public engagement by 50% through the launch of a citizen science project that integrated complex data collection and analysis using Python.
- Enhanced project efficiency and accessibility by integrating Python-based management strategies, resulting in 20% faster completion rates.

FIELD RESEARCHER & ECOLOGIST　　　　　　**November 2017 – December 2019**
Université libre de Bruxelles, **Brussels**

- Conducted field missions and collected biodiversity data across Southeast Asia, Africa, and South America.
- Developed data models to analyze the ecological role of endangered species, improving data interpretation and conservation strategies.

EDUCATION

PhD in Evolutionary Biology & Ecology   **October 2018 – February 2024**
Université libre de Bruxelles, Brussels

M.Sc. in Organisms Biology and Ecology   **September 2015 – September 2017**
Université libre de Bruxelles, Brussels

Bachelor in Biological Sciences   **September 2011 – September 2015**
Université libre de Bruxelles, Brussels

TECHNICAL SKILLS

- **Programming:** R, Python, Bash.
- **Data Visualization:** QGIS, Microsoft Office.
- **Geospatial Analysis:** QGIS (GIS mapping and analysis).
- **Data Tools**: GitHub, Canva.
- **Statistical Analysis**: SPAGeDI, INEst, NMπ, Geneious.

GRANTS

FRIA Grant of € €58,317.12, October 2020 – October 2022
National Fund for Scientific Research, Brussels

FRIA Grant of € €55,672.80, October 2018 – October 2020
National Fund for Scientific Research, Brussels

LANGUAGES

CERTIFICATIONS & INTERESTS

- **French:** Native.
- **English:** Proficient.
- **Spanish:** Advanced.
- **Indonesian:** Elementary.
- **Dutch:** Elementary.

Certified 200h Ashtanga/Vinyasa Yoga Instructor.

Interests: Surfing, traveling, cooking.