

## **Yeison Josué Mejías Vásquez**

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### **PROFESSIONAL SUMMARY**

GIS and remote sensing practitioner with hands-on experience in spatial data processing, drone mapping, and geodatabase management. Skilled in ArcGIS Suite (ArcMap, ArcGIS Pro, ArcGIS Online), QGIS, and advanced Excel for analysis and reporting. Motivated to apply geospatial skills to support woodlands and operational GIS workflows in the forest industry. Strong communication, problem-solving abilities, and experience working independently in field and office environments.

### **KEY QUALIFICATIONS**

- ArcGIS Suite (ArcMap, ArcGIS Pro, ArcGIS Online), QGIS, Pix4D, UAV mapping, DEMs, multispectral analysis.
- Data cleaning, SQL, raster/vector processing, geodatabase development.
- Map production, reporting, Excel (advanced), cartography, technical documentation.
- Strong communication and ability to support operations and cross-functional teams.
- English (Professional), Spanish (Native), Portuguese (Conversational).

### **WORK EXPERIENCE**

#### **Project Developer — Café de Altura de San Ramón S.A.** (Nov 2023 – May 2024)

- Assisted in collecting and processing 300+ high-resolution shapes, orthomosaics, and maps using ArcGIS and QGIS.
- Supported analysis of transport routes, contributing findings that improved operational efficiency by 9%.
- Helped design geodatabases integrating spatial and operational data for planning and reporting.
- Operated drones to generate orthomosaics, DEMs, and spatial layers for land-use management.

#### **Specialized Agronomic Advisor — ECOM Agroindustrial Corp. Ltd.** (Jul 2021 – Nov 2023)

- Supported the creation of geospatial databases integrating drone, field, and satellite data.
- Contributed to processing shapefiles and imagery for 1,000+ agricultural areas using drones and GPS data.
- Assisted in developing geospatial workflows for multispectral index analysis of 100 agricultural plots.
- Delivered maps and spatial insights to internal teams and external partners.

#### **GIS Environmental Consultant — Biota Consultores** (Feb 2019 – Nov 2020)

- Conducted field GPS data collection for environmental assessments.
- Participated in drone mission planning and processing of point clouds and georeferenced rasters.
- Conducted interviews and field surveys to support project feasibility analysis.

### **EDUCATION & CERTIFICATIONS**

B.Sc. Natural Resources Management — Universidad de Costa Rica (2014–2020)

Technician in Agroecology — CTP Piedades Sur (2007–2013)

Additional Studies: Education & Teaching — Universidad de San José (2021–2022)

- Google Data Analytics (2025)
- GIS & Spatial Analysis Specialization — University of Toronto (2025)
- SQL for Data Science — UC Davis (2025)

**AVAILABILITY**

Available for full-time onsite internship beginning May 2026 (4–8 months).