Hugo Alexandre de Morais

in LINKEDIN | 📱 +55 (31) 99591-7049 | 🌐 GEO PORTFOLIO | ✉ hugones45@gmail.com | 🔗 GITHUB

Skills

- QGIS | ARCGIS | SQL | POSTGRE | POSTGIS | PYTHON | JAVASCRIPT | TYPESCRIPT | REACT

- Spatial Analyses | Database Analyses | Esri Certifications | Advanced English | Web Development

Experience

ASSOCIATION OF MELIPONICULTURISTS AND APICULTURISTS OF ARAXA

- **Geoprocessing Analyst (Volunteer Work)**   **Araxá / MG / BRAZIL /**   **Nov 2023 – Present**

Development of projects for the preservation of native bee species in urban environments using ArcGIS and QGIS.
- Implementation of predictive models to assess environmental impact on bee populations.
- Collection, organization, cleaning, and standardization of data from public and private sources, ensuring quality and accuracy of databases and geospatial data.
- Application of spatial analyses to identify and monitor critical areas for the conservation of stingless bees.

POWER OF DATA

- **Front-End Developer Junior**   **Araxá / MG / BRAZIL /**   **Sep 2023 – Present**

Development of applications and web pages with React JS, JavaScript, TypeScript and Redux.
- Creation of a chat bot for investigations of the Civil Police of Minas Gerais.
- Development of the logic and user interface for a PoD Decision Engine focused on loans.
- Creative design of product displays and user experiences.

BIT TECH

- **System Analyst**   **Araxá / MG / BRAZIL /**   **Sep 2022 – Sep 2023**

Software house specializing in the development of technologies for mass services and insurance market.
- Support for platform users.
- Supervision and maintenance of registrations, campaigns and products.
- Knowledge of the company's business rules.
- Investigation of system errors.

Geo Web Projects

- **DYNAMIC MAPS | JavaScript | React | Python | Folium | Esri APIs**
- Designed to showcase the power of programming with interactive maps, this app integrates Esri APIs and Python Folium to create diverse, customizable dynamic maps, demonstrating advanced features like route planning, spatial analysis, and data visualization for real-world applications.

- **REAL-TIME WEATHER | JavaScript | AccuWeather APIs**
- Using the AccuWeather Time APIs, this app quickly provides accurate and real-time weather forecasts for any city on the planet.

Certificates ESRI: Exploring GIS, Python for Everyone, Basics of JavaScript Web Apps, Using GIS to Solve Problems, ArcGIS Pro Basics, Putting Your GIS Skills to Work, Getting Information from a GIS Map, Getting Started with Data Management, ArcGIS Online Basics, Analysis in ArcGIS Online, Telling Stories with GIS Maps.

Education

Universidade Cruzeiro do Sul – Analysis and Systems Development.

Faculdade Libano: Postgraduate – Geodesy, Cartography and Geoprocessing (in progress).

Personal

Availability for relocation and travel. Advanced English for conversation and writing.