JUNIOR FLORES

Geospatial data engineer

ABOUT ME

I am a Data Engineer specialized in Geospatial Information Systems (GIS) with extensive experience in developing optimized ETL processes and creating tools for Machine Learning data generation. I excel in refining data pipelines and transforming raw data into essential resources. My strong proficiency in backend development is my area of expertise.

CONTACT

Mail
fmjg21@gmail.com

Web
https://yunica.dev/

Github
yunica

Linkedin
juniorflores

HIGHLIGHTED PROJECTS

- **Magic Wand Plugin for Java OpenStreetMap Editor (JOSM)**, it allows users to label areas using a spectrum of colors
- **Mobile Signal Coverage in Educational Institutions in Peru**, focuses on showing the coverage points for educational institutions and the coverage area by antennas.
- **Urban Public Services Inaccessibility**, this application conducts a comprehensive analysis of population distribution and public service coverage. It identifies high-density areas lacking essential services.

EXPERIENCE

Geospatial data engineer
Developmentseed   2019 - current

- Developed data pipelines for machine learning applications.
- Managed ETL processes for geospatial data.
- Created applications/plugins for data processing.
- Contributed to OpenStreetMap applications and projects.
- Speaker at State of the Map and WikiConference.

Full stack developer
Freelance   2018 - current

- Developed and maintained web and mobile applications.
- Deployed and automated governmental applications efficiently.

TECHNICAL SKILLS

Python	GDAL	AWS / GCP
Django	React / Native	OpenStreetMap
Docker	Javascript	PostgreSQL

EXPERTISE

- Backend developer
- Geographic information system (GIS)
- Extract, transform, and load (ETL)