Exploring the Potential of Computer Vision in Real Estate: Feature Extraction from Satellite Imagery

Popety.io is a leading proptech company in Switzerland dedicated to revolutionizing the real estate industry. We develop cutting-edge software solutions that empower professionals to streamline their workflow, make data-driven decisions, and uncover high-potential properties.

Project Description:

This internship offers the chance to work on two impactful projects at the intersection of computer vision and data engineering:

- **Computer Vision Model Development:** Building a computer vision model capable of detecting features such as solar panels on rooftops, parking lots, swimming pools, etc. using Swiss satellite imagery. Your focus will go beyond detection, designing an internal tool enabling easy training to detect new features on images.
- **Data Integration and Pipeline Development:** Collaborate with our data engineering team to enhance our data pipelines. You'll gather structured and unstructured data from various sources, clean and transform it for optimal use, and integrate it into our database.

Qualifications:

- Master's student in Computer Science or related field.
- Strong programming skills in Python
- Experience building CV models in Python (Tensorflow, PyTorch or openCV)
- Familiarity with SQL databases and Elasticsearch is a plus
- Fluent in English or French

To Apply:

Please submit your resume and cover letter to frichter@popety.com. We look forward to hearing from you!

PS : The internship will be 40% on site in Geneva and 60% at home