ESPA

Geographic Information System (GIS) Developer Internship (LIVGI2401)

Apply here

Role

This is a fantastic opportunity for an enthusiastic Geo-informatics student to join this innovative company and gain practical experience, producing interactive mapping solutions. Mentored throughout, you will assist the Geospatial team in the modeling and developing of GIS tools and applications for geo-processing and data transfer. If you are looking for a career in this field, then this internship will be an invaluable addition to your CV and prospects.

Tasks

- Develop Python programs for data management, manipulation and transfer
- Write and build SQL scripts
- Build interfaces for data upload and attribution
- Contribute to the technical development of the GIS team through sharing ideas and innovations

Personal Skills

- Experience with Python and SQL
- Knowledge of Quantum GIS (QGIS), or similar such as ArcMap, MapInfo
- Knowledge of GDAL, GIT, RDBMS (PostgreSQL / PostGIS)
- RESTful APIs
- JSON / GEOJSON / TOPOJSO
- An ability to work in a self-directed way
- An ability to pick up and evaluate new technologies

The Host Company

The host company provides Digital Mapping Solutions for everything from cities down to large building complexes such as airports and municipal buildings, enabling the user to find and navigate to facilities with ease. Responsible for previous wayfinding solutions in London, they are now applying modern day computer technology, bringing maps to life.