

Company Name:	GeoPlace LLP
Team / Department:	Consultancy
Address:	Victoria, London

Provisional title for project:

Creating insight and data value through linking people places and organisations

Short abstract of what the project would probably entail, and the data to be used:

The project aims to develop insight, data linkages (people, places and organisations) and new techniques to both identify and prevent data quality and consistency issues within the National Address Gazetteer used to derive the Ordnance Survey AddressBase and Highways products.

We are looking to pre-empt data content queries and amaze our global user community with the accuracy and content of our data through the development of enhanced algorithms looking for data trends, logical and spatial consistency as well as new techniques for integrating related content and the searching and reporting of findings to internal and external customers.

See: <https://www.geoplace.co.uk/addresses/national-address-gazetteer>

Essential and desirable skills that the student would need to have:

Essential skills (NB):

Machine Learning, relational databases (Oracle, PLSQL, PostgreSQL)

Desirable:

Interest in geospatial data, web GIS, data mining and analytics, data visualisation tools and techniques

Preferred degree programmes (if any):

Would any work by the student need to be carried out on site at the Company with the exception of supervisory meetings?

Preferably however remote working is also possible. Workspace and IT kit can be provided.

Any issues of data confidentiality and IPR that would need to be resolved?

Some of the data being used is subject to third party IPR. Terms of use will apply for any re-use or non-personal use of this data.

Preferred selection method

Face-to-face interview

Support and training offered by the company

Weekly meetings face to face or via video / phone with technical and project lead(s). Project initiation will involve a 0.5 / 1 day familiarisation / scoping workshop at our offices.

Financial assistance offered by the company

I agree to pay the student £500 (plus travel expenses) ...

For details on how to apply, please visit:

<https://www.cdrc.ac.uk/retail-masters/details-for-students/>