**Sean**

[**Sean.366136@2freemail.com**](mailto:Sean.366136@2freemail.com)

**Education and Qualifications:**

MSc in Petroleum Geoscience, Royal Holloway, University of London

MSc in GIS and Remote Sensing, University College Cork

BSc in Geology, National University of Ireland, Galway

**Continued Professional Development:**

Petroskills: Seismic Interpretation

Petroskills: Foundations of Petrophysics

Nautilus: Geological Interpretation of Well Logs

Nautilus: Prospect Evaluation and Volumetrics

Nautilus: Applied ArcGIS Techniques for Geoscientists

Exprodat: ArcGIS Data Management

Exprodat: ArcGIS Coordinate Reference Systems

**Employment History:**

**SIRO (ESB & Vodafone)**: Geologist & GIS Specialist, February 2016 - Present

Responsible for:

* using GIS for high and low level network planning and design
* ensuring that the as-built network is reflected correctly in SIRO’s GIS
* database management and administration
* providing training and support for GIS users

**Coillte**: Geologist & GIS Specialist, September 2015 - December 2015

Responsible for:

* implementing a number of GIS solutions using ArcGIS Desktop/ Server/ Mobile technology

**Petroceltic International plc**: Geologist & GIS Specialist, September 2010 - April 2015

Responsible for:

* conducting geological and geophysical studies for hydrocarbon exploration, appraisal, development and production
* sedimentary basin analysis
* petroleum system and play fairway analysis
* 2D/3D surface and sub-surface analysis
* lead/ prospect generation, evaluation and volumetrics
* well site selection and drilling
* well log interpretations/ correlations and hydrocarbon reservoir characterisation
* database management and administration
* satellite image analysis
* providing training and support for GIS users

**Software Proficiency:**

**Geology and Geophysics**

SMT, Petrel, Rep 5

**GIS and Remote Sensing**

ArcGIS Desktop/ Server/ Mobile, MapInfo, Intergraph, Google Earth Pro, FME, GeoDirectory, Global Mapper, Blue Marble’s Geographic Calculator

**Upstream Databases**

Deloitte, WoodMac, IHS

**RDBMS**

Oracle, Microsoft

**Graphic Design and Image Processing**

Adobe Illustrator and Photoshop, AutoCAD

**General**

Microsoft Office

**References:**

Available upon request