

GORDON MCLACHLAN

GIS Consultant and Developer

Edinburgh, Scotland
polymapper.github.io
gamclachlan@gmail.com

An inventive and creative GIS consultant specialising in visualisation, automation, and the geospatial web.

Skills

- Highly skilled in GIS analysis using **ArcGIS, ArcGIS Pro, ArcGIS Portal, QGIS, MapInfo**, and **FME**.
 - Strong coding skill in **Python, SQL, VBA**, and **JavaScript**.
 - Passionate about **Automation, Cartography**, and **Web GIS**
 - Proficient at **Report writing, Project Management, Data Management**, and **Data Analytics**
 - Worked in sectors **Environmental impact assessment, Landscape and visual, Infrastructure, Location Planning**.
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Experience

GIS Consultant

Ramboll, Edinburgh (UK)
March 2018 - present

- Manage and deliver GIS requirements for Environmental Impact Assessments, technical reports, and environmental planning projects.
- Manage spatial data.
- Develop applications for sharing and interacting with spatial data.
- Automate the production of GIS drawings, models, and analysis, in order to achieve cost effectiveness.

Senior Spatial Analyst

Callcredit Information Group (now TradeUnion), Leeds (UK)
Aug 2012 - March 2018

- Location analysis for the retail and automotive sector, working in collaboration with international retailers and car manufactures, such as Adidas, Nike, Levis, VW Group, and Ford.
 - Conduct statistical analysis, producing maps and reports using SQL Sever, VBA, MapInfo, MapBasic, and Spatial Modelling methodologies, to aid the location planning of high profile clients.
 - Develop internal application to help manipulate and present spatial and non-spatial data, using VBA, MapBasic, FME, and SQL.
 - Automate spatial and tabular analysis and automate map production.
 - Create, manage, and maintain databases for various clients.
 - Manage projects and ensure they are delivered on time.
 - Provide consultancy to clients who wish continue analysis after project completion.
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Education

MSc, GIS - Distinction

University of Leeds (AUT)

2017

Studied Geographical Information Systems (GIS) with particular reference to the socioeconomic and environmental sciences.

Dissertation title: Quantifying Socio-Economic Change: A Longitudinal Geodemographic Study

BSc, Geography (Hons) - 2:1

University of Edinburgh (AUT)

2008 - 2012

Studies geography with a slant to physical and environmental sciences.

Honours Dissertation Title: Winds of Change: Can attitudes to a wind farm change over time?

Awards

Royal Geographical Society Best Postgraduate Dissertation Prize

February 2019

For my MSc dissertation "Quantifying Socio-Economic Change: A Longitudinal Geodemographic Study"

British Society of Population Study Best Postgraduate Dissertation Prize

September 2018

For my MSc dissertation "Quantifying Socio-Economic Change: A Longitudinal Geodemographic Study"

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