

# Matthew Kay

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## EDUCATION

### **University of Leeds.** *2017-2018*

MSc GIS, Distinction.

Including- Web-based GIS, Programming: Core Skills and Programming: Advanced Skills, Data Visualisation and Analysis, GIS and Environment.

### **University of Aberdeen.** *2012-2016*

BSc (Hons) Geology & Petroleum Geology, 2:1

Including- Surface and Subsurface Digital Mapping, a Geological Mapping Project, Hydrography, Structural Geology and Tectonics.

### **Horsforth High School and Specialist Science College.** *2005-2012*

A Levels: Geology, Chemistry, Biology

GSCE: 15 Subjects Inc. English and Maths.

## EMPLOYMENT HISTORY

### **Soil Engineering Geoservices LTD.** *February 2019 – Present.*

Graduate Engineering Geologist.

- Supporting project managers with contract reports and pre-construction documentation.
- Developing and producing a new internal intranet site for displaying borehole location data and attributes using Google Maps API. Enabling locations to be searched and even navigated to using mobile devices.
- Conducting Land Surveys.
- Installing and monitoring groundwater, gas, vibration and noise monitoring equipment.
- Conducting site work with responsibilities including core logging, trial pitting and field location preparation.
- Managing and liaising with multidisciplinary Subcontractors.
- Representing the Company at Industry Conferences.

### **The Ings Hotel.** *Part Time, July 2017– January 2019 and June 2013 – June 2016*

Bar Manager.

- Ran the Pub in the absence of Landlord and Lady
- Responsible for all promotional material.
- Maintained Online presence of the Pub.
- Developed close working relationship with customers and suppliers

**Altinet LTD.** *June 2016 – May 2017*

Education Sales Executive (IT Security and Storage).

- Responsible for education sector of the business
- Organising and undertaking on-site meetings with prospective clients.
- Developing an Automatic Pricing Calculator to allow for line items to be selected from lists and automatically show prices, discounts and profits, which was spread company-wide.
- Managed a Pipeline of over 100 schools, requiring me to develop a highly organized and structured approach to my work.
- Represented the company at numerous events, including launches of new products.

**The Royal Northern and University Club (RNUC).** *Part time, October 2014 - May 2015*

Waiting and hospitality staff.

**New Leaf Gardens.** *Part time, May 2012 – August 2013*

Landscaping Assistant.

**Domino's Pizza.** *Part time, March 2012 – September 2012*

Team Member.

## **ADDITIONAL SKILLS AND PROFICIENCIES**

**Computer Programming.** Languages – Python, JavaScript and R.

**ArcGIS.** Proficient with ArcGIS 10, as well as ModelBuilder and Integration with Python.

**QGIS.**

**Petrel.**

**MS Office.** Advanced knowledge of Excel.

**PC Building** – Built and maintain my own Desktop PC, have helped friends with their own projects since.

**Woodworking** – Building customised dice towers for table top games using CAD to create and develop new designs.

## **PROFESSIONAL AND SPORTING SOCIETY MEMBERSHIPS**

**Fellow of the Geological Society of London.** *June 2019 – Present*

**Aberdeen University Geological Society.** *September 2014 - Present*

Events Manager and Social Chair (*Sept 2014 - June 2016*) - Made honorary lifetime member for extraordinary contribution to the society.

**University of Aberdeen Men's Basketball.** *2012-2013.*

## **REFEREES**

Available upon request.