I play badminton competitively in the Bradford district league and distance run in 10k and half marathons races, with PBs at 44 and 125 minutes respectively. I like to travel, but I’m most happy when that involves scrambling up the highest peak nearby.

Full clean UK driving license

MSc gIS

University of Leeds ▪ 2017 – Present (Graduating September 2018)

* Expected Distinction
* GIS programming and analysis themed courses

BSc gEOGRAPHY

University of Manchester ▪ 2014 – 2017

* First Class Honours
* Dissertation 83% (Upper First)

A levels

Cardinal Newman Sixth form college ▪ 2012 – 2014

* Biology A
* Geography B
* Psychology B
* Maths (AS) A

GCSEs

Tarleton High School ▪ 2007 – 2012

* 11 GCSEs, graded A\* to C
* Including English, Maths, Science and IT

Research and Development lead for EnviroSAR

* August 2017 to present
* Automating radar processing in SNAP
* Consulting with water companies to develop tailored satellite based solutions

GIS and Remote sensing assistant at the University of Manchester

* June to August 2017 internship
* Developing a spatial data infrastructure for the school
* Research data and metadata management
* Radar pre-processing for upland fire burn scar detection

Undergraduate dissertation: Exploring the potential of Sentinel-1 InSAR for Pleistocene glacier reconstruction at Rumija, Montenegro. Available on request. A research poster was presented at BSG Hull 2017 and RSPsoc London 2017 conferences.

I have assisted several students at University with GIS related work. This includes creating maps in ArcMap, teaching Python and addressing spatial based research problems using weighted site suitability.

EDUCATION

ABOUT ME

EXPERIENCE

Python

JavaScript (Earth Engine)

R

ArcMap 10.4

Envi 5.3

ERDAS APOLLO

Microsoft Office

QGIS

SARscape 5.2

SNAP

REFERENCE

Please ask

LANGUAGES

SOFTWARE

SKILLS

Adaptability

Data management

Efficiency

GIS

Problem solving

Project management

Resourceful

Spatial analysis

Adam Johnston

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