

# MICHAL MICHALSKI

I am an Archaeologist and Geographer.



## EDUCATION

current  
|  
2019

### PhD (suspended)

Durham University

📍 Durham, UK

- computational research into archaeological landscape under Near East Empires

2012  
|  
2011

### MSc in Geographic Information Science

University of Edinburgh

📍 Edinburgh, UK

- Dissertation: *The Story of Perth: the use of Historical GIS to explore time and space*
- Coursework examples: Object-Oriented Programming, Spatial Analysis, Advanced Spatial Databases

2006  
|  
2001

### MA in Archaeology

Nicolaus Copernicus University

📍 Torun, Poland

- Coursework examples: Early Medieval Archaeology of Scandinavia, Archaeology of Architecture

2005  
|  
2003

### PG Diploma in Arabic Culture

Nicolaus Copernicus University

📍 Torun, Poland

- Coursework examples: Arabic Language and Literature, History of Arabic World



## RESEARCH EXPERIENCE

2015  
|  
2012

### GIS Specialist

UCL Qatar

📍 Doha, Qatar

- field surveying and historic buildings recording, production of GIS mapping
- development of Web GIS application as a part of public outreach
- processing and analysing aerial and CORONA satellite imagery



## INDUSTRY EXPERIENCE

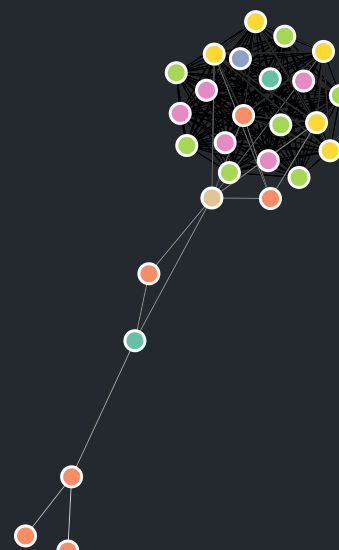
Current  
|  
2014

### GIS Analyst

Scottish Government

📍 Edinburgh, UK

- data management (metadata portal, database, ArcGIS for Server)
- spatial analysis and geo-computing (Python and R scripting)
- production of GIS mapping and visualization (ArcMap, QGIS, R) and data dissemination (R, Leaflet, ArcGIS Online)



View this CV online with links at  
<https://dispersal.rbind.io/>

## CONTACT

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🐦 [topographos2](https://twitter.com/topographos2)

🔗 [github.com/topographos/](https://github.com/topographos/)

🌐 [dispersal.rbind.io/](https://dispersal.rbind.io/)

in [linkedin.com/in/michal-ski](https://linkedin.com/in/michal-ski)

## LANGUAGE SKILLS

R	
Python	
Javascript	
SQL	
Polish	
English	
German	
Arabic	

Made with the R package  
**pagedown**.

The source code is available on  
[github.com/topographos/resume](https://github.com/topographos/resume).

Last updated on 2021-03-26.

2014  
|  
2013

### GIS Technician

Historic Environment Scotland

📍 Edinburgh, UK

- heritage data management (geospatial databases construction, maintenance and administration)
- creating metadata according to EU INSPIRE and MIDAS Heritage standard (The UK Historic Environment Data Standard)
- production of GIS mapping and visualization, spatial analysis, GIS support and training, assisting in aerial and terrestrial surveys

2012  
|  
2012

### GIS Studentship

Thinkwhere

📍 Stirling, UK

- updating spatial databases, creating metadata, extracting internal and sourcing external data, map digitizing.

2011  
|  
2008

### Archaeologist

CFA Archaeology, AOC Archaeology

📍 Scotland, UK

- excavations, site surveying and recording

2010  
|  
2010

### Archaeologist

Oxford Brookes University

📍 Ras Al Khaimah, UAE

- excavations, site surveying and recording, post-excavation work: identifying finds, creating databases and spreadsheets.

2008  
|  
2007

### Archaeologist

Archaeological Museum

📍 Gdansk, Poland

- excavations, site surveying and recording

2005  
|  
2005

### GPS Surveyor

Techmex SA

📍 Poland

- Using GPS and orthophoto maps to survey agricultural fields.

2005  
|  
2005

### Site Supervisor

Renata Wiloch Consultant

📍 Gdansk, Poland

- site excavation, surveying and recording



## TEACHING EXPERIENCE

Current  
|  
2021

### Data Carpentry Instructor






training completed; checkout in progress

I worked as a field archaeologist for commercial and research projects in Poland, UK, UAE and Qatar before pursuing career as GIS professional in heritage management and government.

I am joining Data Carpentry community to teach Data Literacy and Reproducibility.



## PUBLICATIONS, POSTERS, AND TALKS

- 2018 ● **R and QGIS in action**  
Scottish QGIS User Group Meeting Michal Michalski  Edinburgh, UK
- 2016 ● **DOHA – Doha Online Historical Atlas**  
Proceedings of the 44th Annual Conference on Computer Applications and Quantitative Methods in Archaeology  Oslo  
• Carter, R., Eddisford, D., Fletcher, R., **Michalski, M.** and Morgan, C.
- 2015 ● **The Origins of Doha Project: Online Digital Heritage Remediation and Public Outreach in a Vanishing Pearling Town in the Arabian Gulf,**  
Paper presented at International Conference on Cultural Heritage and New Technologies  Vienna  
• Morgan, C., Carter R. and **Michalski, M.**
- 2014 ● **Traditional Architecture of Doha**  
Talk presented at the Heritage of Doha: Identity of Qatar Workshop  Doha  
• **Michalski, M.** and Roberts, K.
- 2013 ● **The Story of Perth: Linking Archaeology, History and Maps**  
Talk presented at Working Digitally with Historical Maps Conference, NLS  Edinburgh  
• Gittings, B. and **Michalski, M.**



## PROJECTS NOTEBOOKS

- COVID-19 - [click to see notebook](#)
- COVID-19 Infection Survey - [click to see map](#)
- VUG in R - [click to see notebook](#)
- BANEA 2020 Poster - [click to see poster](#)
- Population Clusters - [click to see notebook](#)
- LiDAR - [click to see notebook](#)
- DOHA – Doha Online Historical Atlas - [click to see app](#)



## PROFESSIONAL MEMBERSHIPS

- Digital, Data and Technology (DDaT) - Data Engineer
- The Association of Geographic Information (AGI)
- Computer Applications & Quantitative Methods Archaeology (CAA)
- British Association of Near Eastern Archaeology (BANEA)
- The Council for British Research in the Levant (CBRL)

I am applying a “literate programming” paradigm to my work