

MICHAL MICHALSKI

I am an Archaeologist and a Geographer.



EDUCATION

- 2021
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2019
- PhD (on hold)**
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
- Coursework examples: Object-Oriented Programming, Spatial Analysis, Advanced Spatial Databases
- 2006
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2001
- MA in Archaeology**
Nicolaus Copernicus University 📍 Torun, Poland
- Coursework examples: Archaeology of Architecture
- 2005
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2003
- PG Diploma in Arabic Culture**
Nicolaus Copernicus University 📍 Torun, Poland
- Coursework examples: Arabic Language and Literature, History of Arabic World



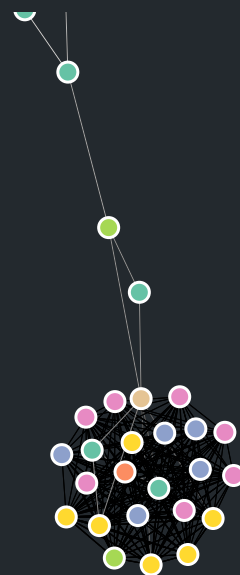
RESEARCH POSITIONS

- 2015
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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



INDUSTRY EXPERIENCE

- Current
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2014
- GIS Analyst**
Scottish Government 📍 Edinburgh, UK
- mentoring participants of Data Science Accelerator - capability-building programme that develops data science skills across public sector [link](#) .
 - member of Project Boards delivering [Simple ARD service](#) and [Scottish Remote Sensing Portal](#) .
 - delivery of Safety Cameras Siting - I introduced machine learning (DBSCAN clustering) and simulation techniques (Monte Carlo simulation) to car accident hot spots analysis supporting a Transport and Police Scotland policy.
 - providing mapping and analytical support to COVID-19 Modelling, Testing and Vaccination Teams



View this CV online with links at
<https://topographos.github.io/resume/>

CONTACT

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🐦 [topographos2](https://twitter.com/topographos2)
🔗 github.com/topographos/
🌐 [linkedin.com/in/michal-ski](https://www.linkedin.com/in/michal-ski)

LANGUAGE SKILLS

R	
SQL	
Javascript	
Python	
Polish	
English	
German	
Arabic	

Made with the R package
pagedown.

The source code is available on
github.com/topographos/resume.

Last updated on 2021-09-20.



My Team has been shortlisted to 2021 Government in Geography Awards - Excellence in emergency response



TEACHING EXPERIENCE

Current
|
2021

Data Carpentry Instructor
teaching R for spatial analysis

I have joined Data Carpentry community to teach Data Literacy and Reproducibility.



PUBLICATIONS, POSTERS, AND TALKS

2020

Reproducible Rchaeological Survey
British Association of Near Eastern Archaeolgy (BANEA) Oxford

- 2nd prize winner for the best poster

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 in Archaeology (CAA)
- British Association of Near Eastern Archaeology (BANEA)
- The Council for British Research in the Levant (CBRL)

I worked with a variety of platforms:
 Oracle and Postgresql DB, ArcGIS
 and QGIS, R Shiny, Amazon AWS.