Jordan Reynoldson

CONTACT

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🔗 https://jord9762.github.io/portfolio/

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SKILLS

GIS:
- ArcGIS Pro
- ArcGIS Desktop
- ArcGIS Dashboards
- ArcGIS Experience Builder
- ArcGIS Monitor
- MapInfo Pro
- QGIS
- Survey 123
- Survey 123 Connect

FME:
- FME Form
- FME Flow
- FME Flow Hosted

Coding:
- Python
- HTML
- CSS
- GDAL
- Jupyter Notebook
- JavaScript
- Arcade
- GitHub/GitHub Codespaces
- SQL
- AI (ChatGPT, Co-pilot, Gemini, Ollama, Claude, DeepSeek, AI Assist in FME)

PROFESSIONAL SUMMARY

A passionate GIS Specialist with over 3 years of experience, I specialise in using geospatial data to solve real-world problems. .

I have held roles as a GIS Technician and a Technical Specialist (FME & ESRI), primarily in the Utilities sector working for some of Britain's largest companies, such as Southern Water, Anglian Water, and National Grid.

I thrive in fast-paced environments and love helping people find solutions to complex challenges. My approach combines technical expertise in GIS, FME and Python with strong communication skills, to deliver products that exceed client expectations.

WORK HISTORY

Career Break   12/2024 - 06/2025
Professional Development
I paused my full-time work to assist with family care. During this period, I was determined to focus on taking my software development skills to the next level, some of the projects I worked on can be found here https://jord9762.github.io/portfolio/. The standout work is outlined below:

Election Data Analytics Tool:

- Created a web application to assist a major political party with their voting analytics ahead of the next general election. App was focused on extracting text from paper based documents into tabular format for use in analysis and correspondence.

- Attended a consultation outlining the political party's dilemma and offered some solutions on how I could help them to increase efficiency.

- Created a solution that leveraged Tesseract, Python, JavaScript, HTML and CSS, to create a tool that could identify text in a scanned document and structure that data in tabular format.

- Added geocoding functionality using google API and created a web map built into the flask application, this would help inform strategy in the next election.

- Packaged tool into an executable and delivered training to non-technical team members on how to use the tool.

Technical Specialist (ESRI & FME)   06/2024 - 11/2024
Avineon-Tensing - Remote
In this role I worked 4.5 days per week as a GIS Consultant for Southern Water and 0.5 days per week on internal projects:

- Assisted with Southern Water's migration from legacy BAU Autodesk systems to ArcGIS Enterprise.

- APIs (Google, W3W, Strava, OS, Cloudinary, ArcGIS)

Databases & IT Systems:
- PostgreSQL
- SQLite
- Oracle
- DBeaver
- SQL Server Management Studio
- Active Directory
- SharePoint
- SolarWinds
- PowerShell
- Microsoft Office

Product Knowledge:
- Ordnance Survey Products
- Land Registry
- Natural England
- Environment Agency
- Living Atlas
- Magic
- LSBUD/NUAR
- OSM (Open Street Map)
- Landsat
- Planning & Local Authority (Boundary's etc.)
- National Grid Data
- CRT

- Handled ticket desk incidents, including FME data conversions and debugging web apps built with FME Flow, ArcGIS ExB, and ArcGIS Dashboards.

- Oversaw SW's Compliance Survey 123 Connect project from late development to AIS, leveraging Survey123 Connect, FME Form, FME Flow, JavaScript, and Python.

- Implemented a solution to move media uploaded by site technicians from ArcGIS Enterprise to SharePoint.

- Supported the overhaul of Southern Water's legacy Wastewater Alarms Application to visually represent pumping stations alarms status (FME Form, FME Flow, ExB, SQL).

- Automated monthly LR cadastral data retrieval by creating an FME/Python web-scraping tool, eliminated a full day of manual surveyor work per month.

- Assisted the wider GIS team in the event of outages and incidents to help bring back services quickly. (ArcGIS Monitor, FME Flow and SolarWinds).

- Achieved FME Certified Pro status during my first month of employment.

- Assisted with promotional activities for Avineon-Tensing on occasion including supporting the Belfast AGI event.

GIS Technician   12/2021 - 05/2024
Fisher German - Ashby-de-la-Zouch, Leicestershire

- Served as client lead for Anglian Water's Strategic Resource Options (SRO) scheme, producing land referencing maps in ArcGIS Pro and performing spatial analyses using FME Form, occasionally leveraging Python scripts for automation and data manipulation.

- Created reports for clients on occasion utilising effective statistical diagrams for non-technical consumers.

- Created site searching tools in FME to identify the best locations for structures based on client search criteria (biogas plants, solar panels etc.).

- Created bespoke Survey 123 forms for ground teams working on a major national grid project, utilising QR codes, web maps and W3W.

- Performed analyses on rivers for MLP (Mainline Pipelines) to assess the potential impact of erosion on pipeline integrity.

- Developed bespoke Python scripts to automate complex mail merges for major clients such as Cadent, National Grid and Anglian Water, manipulating and merging PDFs according to specific client requirements.

Assistant Chef   03/2013 - 07/2020
The Bulls Head - Repton - Repton, Derbyshire

- During my 6-year tenure as an assistant chef, my responsibilities typically involved a combination of preparing food, running the deserts/starter sections, and training new kitchen porters so that they were made to feel welcome.

- This role helped improve my work ethic, communication, teamwork, and leadership skills in what was a high-pressure environment.

- This role was maintained whilst completing my academic studies.

EDUCATION

Master of Science: Geographical Information Systems, 09/2020 - 09/2021
University of Leeds - Leeds
Modules:

- Principles of GIS
- Professional Development
- Web-based GIS
- Environmental Applications of GIS
- Programming for GIS
- Dissertation: Crime and Links To Deprivation

Bachelor of Science: Geography, 09/2016 - 06/2019
Nottingham Trent University - Nottingham

- Introduction to GIS
- Advanced GIS Applications
- Remote Sensing
- Spatial Analysis
- Dissertation: Investigation of Peat Erosion In The Forest Of Bowland

CERTIFICATIONS AND LICENSES

Certification: FME Certified Professional

Provider: Safe Software

Certificate ID: bowc67sgtkx2

Expiry: 04/06/2027

HOBBIES AND INTEREST

- Coding
- Football
- Running
- Politics
- Philosophy

REFERENCES

Available on request