

IRAM BAQRI

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KEY SKILLS

Spatial Data Visualization and Analytics	ArcGIS Pro, ArcMap, ArcScene	UI/UX Design
Geographic Information Systems (GIS)	Java, SQL, HTML5, CSS3	Sketch, InVision, Balsamiq
Data Management and Automation	Excel, PowerPoint, Word	Adobe InDesign, Illustrator, Photoshop

EDUCATION

University of Aberdeen Master of Science in GIS Year of Graduation: 2023	Carnegie Mellon University Bachelor of Science in Information Systems User-Centered Information Design Year of Graduation: 2019	Honors and Awards Final Semester GPA: 3.75 Dean's List: Spring'18 and Senior Year Recipient of QF Scholarship 2018-19.
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CERTIFICATIONS

Spatial Data Science: The New Frontier in Analytics | ESRI | 6 weeks Massive Open Online Courses (MOOCs)
Project Management Industrial Training Program (PMITP) | Reach Academy | 4 weeks
ArcGIS Pro Essential Training | LinkedIn

GIS: SPATIAL DATA VISUALISATION AND ANALYTICS

Stantec GIS Specialist	Apr 2021 – Present
■ Analyzed Rainwater Flooding Complaints, identifying areas that flooded within networked and non-networked catchments.	
■ Visualized stream networks and highlighted areas prone to flooding (bluespots) using ArcGIS's hydrological and spatial geoprocessing tools – providing key information to assist engineers with the development of appropriate and targeted flooding mitigation plans.	
■ Created schematics for the Treated Sewage Effluent (TSE) Network that highlighted the flow from the pump stations to the major TSE customers – equipping the business with a better and more informed understanding of the network by the client's staff.	
■ Updated the Foul Sewer and Surface Ground Water Network Schematics based on the live data from the client's Enterprise Asset Management System – highlighting the flow direction from the Pump Stations to the Sewage Treatment Stations and Outfalls.	
■ Used LiDAR data to create Digital Elevation Models (DEMs), and visualized critical assets like Pump Stations, Underpasses, and Tunnels in 3D via ArcGIS Pro, ArcScene and Cintoo.	
■ Carried out day-to-day spatial analysis using ArcGIS Pro to answer urgent queries by client stakeholders regarding drainage assets.	
■ Visualized and created a web app for drainage assets, networks and buildings in 3D using ArcGIS Pro.	
■ Highlighted data discrepancies that hindered 3D visualization to the client in order to improve data quality for accurate visualization.	
Total E&P Geographic Information Systems (GIS) Trainee	Nov 2019 - Jul 2020
■ Accelerated the process of updating dashboard data for the ArcMap shapefiles by creating workflows using the FME Desktop App.	
■ Managed the upgrade to the new ArcGIS Database version 10.3 and ensured the shapefiles mapped well with the new upgrade.	
■ Automated the manual process of converting big data sets to required database formats by using Excel's Macros and VBA feature.	
■ Updated ArcMap files with the latest Al-Khalij, Dolphin, and Qatar Gas Well data, and published it to the GIS intranet website.	
Supreme Committee for Delivery and Legacy Geographic Information Systems (GIS) Developer Intern	Jun 2017 – Jul 2017
■ Received certification from ESRI on the completion of the "Getting started with GIS" web course as a pre-requisite for the project.	
■ Designed a web app based on ESRI JS API using HTML, and JavaScript for FIFA 2022, to assist pedestrians with navigation.	

BUSINESS DEVELOPMENT AND ANALYTICS

SchemaZone Project Manager Trainee	Nov 2020 – Dec 2020
■ Briefly outlined the business plan and project charter for Kidzie, an e-commerce platform for luxury kids' fashion.	
■ Highlighted tools and techniques to report progress to Taskubator stakeholders, a platform connecting freelancers and customers.	
■ Designed infographics highlighting internal and external business processes of Taskubator and contributed ideas for conflict resolution.	
Ogro, Qatar Science and Technology Park Assistant Business Analyst	May 2019
■ Performed pricing analysis for the online grocery startup by comparing competitors' price ranges of various product categories.	
■ Evaluated the design and content prepared for the advertisement campaign to promote the startup on social media.	
■ Assessed social media marketing strategies adopted by the local competitors for product promotion and user engagement.	

DESIGN AND DEVELOPMENT

Qatar Financial Centre Regulatory Authority IT Consultant Intern, Corporate Services	Jun 2019
■ Designed the layout of the official intranet site and updated communications portal for press releases and company-related events.	
■ Built a set of customizations (Carousels, Forms, Floating Action Buttons, User Profile, etc.) using JavaScript, HTML5, and CSS3.	
■ User tested the automation of the EU-directed GDPR form.	