MERT TURUNC

Yenisehir ◇ Atasehir, Istanbul

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PROFESSIONAL SUMMARY

GIS Specialist with 1+ years of experience in geospatial analysis and ArcGIS Enterprise management. Proven expertise in spatial data analysis, automated workflow development, and stakeholder requirement translation. Strong background in surveying, remote sensing, and database management with demonstrated success in delivering integrated geospatial solutions.

CORE COMPETENCIES

Geographic Information Systems (GIS), Spatial Data Analysis, Digital Transformation, Project Management, Stakeholder Management, Business Analysis, Workflow Automation, Database Management, Cartography, Data Visualization, Problem Solving

TECHNICAL SKILLS

Programming Languages	Python, SQL, JavaScript, Arcade
GIS Software	ArcGIS Enterprise, ArcGIS Desktop, QGIS, FME
Databases	PostgreSQL, Microsoft SQL Server, Oracle, DuckDB
Analysis Tools	pgAdmin, DBeaver, OSRM, Postman, Burp Suite
Visualization	Tableau Public, Datawrapper, Adobe Creative Suite

LANGUAGES

English	Advanced (Professional Working Proficiency)
Turkish	Native Speaker

EDUCATION

Istanbul Technical University *2023 - Present*
Master of Science in Geographical Information Technologies
Member of Geodesy and Photogrammetry Club

Necmettin Erbakan University *2019 - 2023*
Bachelor of Science in Geomatics Engineering
Member of Cartographer Club

PROFESSIONAL EXPERIENCE

Parametre Bilisim May 2024 - Present
GIS Specialist *Sisli, Istanbul*

· Led proof-of-concept development and solution validation for 5+ municipal digital transformation projects using comprehensive ArcGIS Enterprise suite
· Designed and deployed web applications through Experience Builder, Dashboards, and StoryMaps, improving client engagement by streamlining data access and visualization
· Utilized SQL, Python, and ESRI Arcade to analyze spatial datasets, automate complex geospatial workflows, and reduce processing time by implementing efficient data management solutions
· Managed ArcGIS Enterprise deployment, configuration, and troubleshooting across multiple client environments, ensuring 99% system uptime

· Conducted business analysis sessions with stakeholders to translate functional requirements into integrated geospatial solutions, resulting in successful project delivery

Mavi Harita June 2020 - August 2023
Land Surveyor *Suleymanpasa, Tekirdag*

· Conducted comprehensive land surveys utilizing advanced surveying equipment including GPS systems, total stations, and UAV technology for data collection and mapping
· Prepared detailed survey reports and technical drawings using NetCAD software and CAD applications, ensuring accuracy and compliance with industry standards
· Collaborated with cross-functional teams including project managers, engineers, and stakeholders to deliver surveying projects on schedule with 100% accuracy
· Maintained effective client communication throughout project lifecycle, addressing concerns and ensuring client satisfaction with survey deliverables

Suleymanpasa Municipality June 2019 - September 2019
Intern *Suleymanpasa, Tekirdag*

· Collaborated with Zoning and Land Use Planning and Project Management Directorate on municipal planning initiatives
· Created digital orthophotos using Global Mapper for municipal display and reference purposes, enhancing public information accessibility
· Supported team operations through preparation of official correspondence and administrative documentation

TESKI June 2018 - August 2018
GIS Development Intern *Suleymanpasa, Tekirdag*

· Implemented NetCAD GIS module for web service integration, enhancing system connectivity and data sharing capabilities
· Developed custom tools using NetCAD SDK under senior developer supervision, contributing to workflow automation
· Performed network analysis using QGIS for complex spatial analysis tasks beyond NetCAD capabilities

BEDAS June 2017 - September 2017
Intern & GIS Operator *Beyoglu, Istanbul*

· Supported GIS Integration department with data preparation, validation, and quality control for enterprise GIS systems
· Performed topology and field controls to ensure data integrity and system reliability
· Executed complex SQL queries using Oracle SQL Developer and gained expertise in database trigger systems
· Generated monthly progress reports in ArcGIS for project tracking and management oversight
· Developed Python automation script for daily database backups using ArcPy library and bash scripting, improving data security protocols

PUBLICATIONS & RESEARCH

Turunc, M. "Examining Critical GIS in Turkey Through the Kahramanmaras Earthquakes." *3rd International Graduate Research Symposium*, 2024.

ADDITIONAL INFORMATION

Professional Interests: Geospatial Technology Innovation, Public Transportation Systems, Artificial Intelligence Technologies

Personal Interests: Music, Specialty Coffee, Photography, Graphic Design