

# Erdoğan Taş

Data Analyst

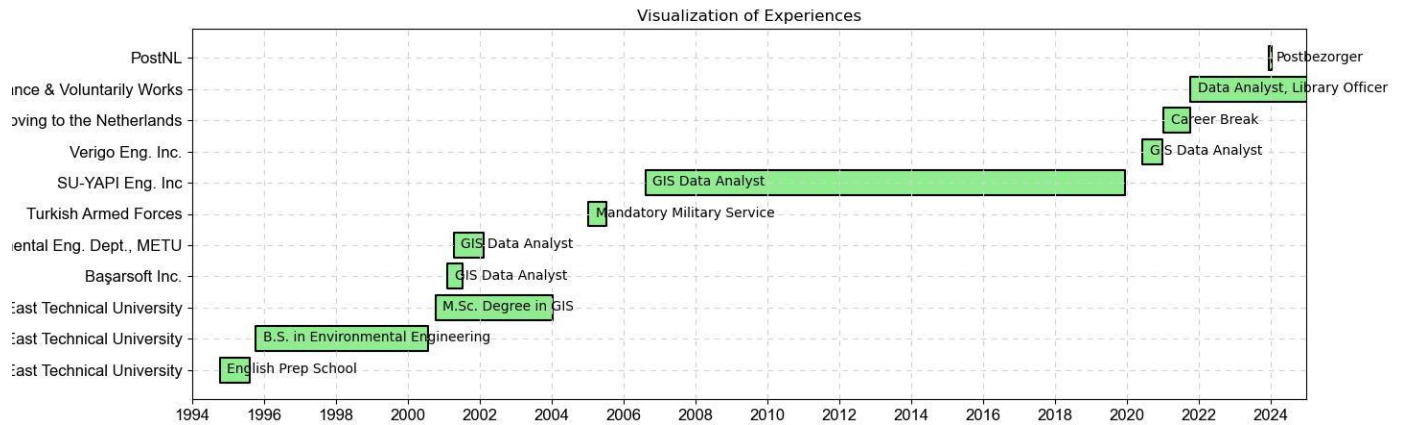
Data Analyst| Data Visualization| Python| Database| SQL| Geospatial| GIS<sup>1</sup>| ESRI| ArcGIS| QGIS

Eligible to work full time in the Netherlands

[www.linkedin.com/in/erdinctasel](https://www.linkedin.com/in/erdinctasel) | [erdinctasel.github.io/](https://erdinctasel.github.io/) | [github.com/erdinctasel](https://github.com/erdinctasel)

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## Professional Experiences



### Postnl, Postman, 11/2023 - present

- Delivering the posts by bike

### Freelance & Voluntarily Works, 09/2021 - present

- Data analyses of Sea Turtles reproduction in Fethiye Area by coding in Python and libraries such as Numpy, Pandas and Seaborn, cooperating with specialist in Ministry of Environment of Turkish Republic,
- Internal project, descriptive data analysis, visualization and dashboard of [home expenses](#) in the Netherlands by coding in Python and using libraries (Pandas, Seaborn, Plotly and Dash)
- Bike maintenance and repairing,
- Library Officer, volunteer at the library of 't Slingertouw Basisschool Library,
- Volunteer at the organizations in 't Slingertouw Basisschool,
- Taking online courses from Coursera, Udemy and EdX about Data Science & Data Analyst, Coursera about Data Science, Analyst,
- Taking elementary Dutch course from STE,

### Verigo Digital Engineering Inc., Geospatial Data Analyst, 05/2020 – 11/2020

- Defining geospatial data requirements, data collection and preparation by extracting, cleaning and transforming for reproduction of Sea Turtles to ensure data integrity and consistency,
- Analyzing by deciding on leading attributes and determining reproduction of Sea Turtles success rate, generating map views and preparing project reports,
- Executing the vector data of power lines cables in Italy by post-processing of 1080 LiDAR files

### SU-YAPI Engineering & Consulting Inc., Geospatial Data Analyst, GIS Engineer, 07/2006–10/2019

- International Trans Anatolian Natural Gas Pipeline Project, TANAP,
  - Making 1539 Alignment sheets of pipeline route by using ESRI products and python scripts,
  - Performing of crossing assessment of 1805 km long pipeline route,
  - Validation of crossing data, creation of reroute data, updating and maintenance of pipeline database,

<sup>1</sup> Geographic Information System

- Tracking and verifying as-built data by Python script,
- International NABUCCO Natural Gas Pipeline,
  - Establishing the geo-databases for 1329 km long pipeline,
  - Providing support for management of field data and tracking of data flows,
  - Managing database administration, analyzing pipeline related data for design and making new geo-databases,
  - Preparing technical figures, maps for technical reports and presentations,
  - Data preparation by extracting, cleaning, transforming and data modeling,
- Converting spatial data of more than 50 projects from with respect to the customer standards,
- Providing geospatial analysis for internal stakeholders such as geology, infrastructure departments,
- Maintaining spatial data inventory for keeping them up-to-date, and building geodatabases to ensure data consistency and integrity of more than 4000 digital maps, vector and raster files,
- Drafting potable water distribution line, wastewater and stormwater infrastructure of water treatment plant in 5 different project,
- Plotting wastewater network and collector hydraulic blueprint of 2 cities by using water network softwares and GIS tools,
- Implementing hydraulic model of potable water network for 5 cities by MicroStation,

**Middle East Technical University, Department of Environmental Eng., GIS Data Analyst, 03/2001 – 12/2001**

- Creating raster and vector data for the Marmara Region Environmental Emergency Action Plan and preparing map views,

**Başarsoft Information Technologies Inc., GIS Data Analyst 01/2001 – 05/2001**

- Developing applications on MapINFO Software with MapBasic scripting language,
- Giving consultancy to public/private companies about GIS applications, MapINFO software and its extensions,

## **Education**

- MSc degree in GIS, Geodetic and Geographic Information Technologies (GGIT) Department, 09/2000 - 11/2003, Middle East Technical University,
- B.S. degree in Environmental Engineering, 09/1994 – 06/2000, Middle East Technical University,
  - 1994-1995 English Prep School,

## **Skills**

### **Language**

- English, Professional working proficiency,
- Dutch, Elementary,
- Turkish, Native proficiency,

### **Computer**

- Data Analyses: Python, SQL, Data Analyzing Libraries (Pandas, Numpy, Seaborn, Plotly, Dash), PostgreSQL, SQLite, Microsoft Power BI, IBM Cognos, Anaconda, JupyterLab, Visual Studio Code
- Geospatial Data Analyses: ESRI ArcGIS, QGIS Desktop, Global Mapper, Microstation, AutoCAD,
- Other: Microsoft Office, Libreoffice,

### **Job-Related**

- Data Cleaning and Preparation,
- Data Analysis and Exploration,
- Data Conversion,
- Database Management,
- ETL (Extract, Transform, Load) Process,
- Data Visualization, Dashboard,

- Machine Learning,
- Statistics, Statistical and BI (Business Intelligence) Tools,

### **Personal**

- Planning and Organizing Ability,
- Analytical Thinking,
- Problem Solving,
- Eager to learn & open-minded,
- Self-motivated,
- Attention to Detail,

### **Certifications & Courses**

- [IBM Data Analyst](#) Professional Certificate, Coursera, KP26PLU3ZCXG
- [IBM Data Science](#) Professional Certificate, Coursera, RCFZ98CCSVQT
- Introduction to Data Science Specialization, [IBM](#), Coursera, 24GUS4SKVDW7
- Statistics for Data Science and Business Analysis, [Udemy](#)
- Python A-Z™: Data Science and Machine Learning, Udemy
- Python for Everyone, ESRI
- Introduction to Spatial Databases with PostGIS and QGIS 3.0, [Udemy](#)
- QGIS 3.0 for GIS Professionals, [Udemy](#)

### **Interests**

- Orienteering (not same as geocaching) sport,
  - Orienteering mapper, middle, long, sprint and relay course planner,
  - Event director and advisor of ODTÜ OPEN Multi Day Orienteering Event Organization (<http://www.odtuopen.org>), 2005 - 2016
  - METU Orienteering and Navigation Team co-founder, team leader, technical trainer, consultant and licensed athlete, 2000 – 2021,
  - CONDES Orienteering Course Planning Software beta tester and Turkish translator, 2014 – present (<https://condes.net/>),
- Playing classical pieces with classical guitar,
- Sudoku.