



# KAĞAN HAZAL KOÇDEMİR

GEOMATIC ENGINEER & PYTHON PROGRAMMER

## ABOUT ME

As a dynamic person with experience in analyzing data, creating maps with different ways and software what distinguishes me from my peers is my researcher personality that pushes me to find new ways of problems and to learn continuously. Therefore, I believe that I will be successful in the projects and tasks I've been assigned.

## EXPERIENCES

### Freelancer | Data Analyst

- Data Manipulation and Data Extraction with Pandas, BeautifulSoup
- Data Visualization with Pandas, Matplotlib etc.
- Creating different outputs according to clients

### Intern | Geomatic Engineering

Egemen Harita Muhendislik, Izmir, Turkey | Summer 2014

- Project management of land arrangement
- Elevation difference calculations
- Creating of topographic maps with NetCad, ArcGIS

### Intern | Geomatic Engineering

Ahmet Toros Harita Muhendislik, Izmir, Turkey | Summer 2013

- Surveying, application using with Total Station and GPS
- Calculation of excavation
- Land subdivision, renunciation for road and parceling via NetCAD, ArcGIS

## EDUCATIONAL BACKGROUND

### German Language and Literature Bachelor's Degree

Ege University, Izmir, Turkey | 2019 - 2024

### Geomatic Engineering Bachelor's Degree

Yildiz Technical University, Istanbul, Turkey | Graduated 2016

## PROJECTS & PUBLICATIONS

Personal IMDB Graphs with Bokeh, 2021

Ege University Blood Infusion Regulation Program | Ege University, 2021

Map of Turkey's Official Archaeological Sites and Museums | Yildiz Technical University, 2019

3D City Modelling with Photogrammetric images and LiDAR data, Istanbul | Published Paper, Yildiz Technical University, 2017

Interactive Map of Turkey Ancient Cities with Google Maps and Google Fusion Tables | Yildiz Technical University, 2016

(For all projects, detailed information in [angelsdemos.github.io](https://angelsdemos.github.io))

## CERTIFICATES & COURSES

Writing Efficient Python Code

Data Manipulation with pandas

Git from Basics to Advanced

Introduction to Data Science in Python

## REFERENCES

Prof. Dr. Naci YASTIKLI

Yildiz Technical University, Faculty of Civil Engineering Department of Geomatic Engineering, Istanbul/Turkey  
[ynaci@yildiz.edu.tr](mailto:ynaci@yildiz.edu.tr)

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## CONTACT

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[angelsdemos.github.io](https://github.com/angelsdemos)

## PERSONAL STRENGTHS

Innovative

Efficiency

Persistence

Strategic thinker

Self-regulation

Team work

Fairness

## COMPUTER SKILLS

Python ●●●○○

SQL ●●●●○

ArcGIS ●●●○○

AutoCAD ●●●●○

MS Office ●●●●○

NetCAD ●●●○○

CityEngine ●●●●○

## LANGUAGE SKILLS

Turkish ●●●●●

English ●●●●○

German ●●○○○

## ACHIEVEMENTS

Region Finalist of High School Students Research Projects Competition (2010)

Semi-Finalist of Math Olympics in Turkey (2010)

## INTERESTS

