

Doğukan Dügün

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Summary

Computer Engineer with 3+ years of experience, proficient in C#/.NET and Python technologies. Optimized production processes at Maxion Wheels by actively contributing to industrial automation and data visualization projects. Most recently, managed technical tracking, reporting automations, and team coordination as a Project & Coordination Officer at the Gendarmerie General Command, Cyber Crimes Department. Aiming to add value by leveraging technical expertise in web and desktop solutions combined with disciplined leadership capabilities.

Technical Skills

Software languages:	Python, C#, Java, T-SQL, PHP, HTML, CSS,
Databases:	PostgreSQL, Microsoft SQL Server, MySQL
Frameworks:	Asp.net, Django, Entity
Methodology:	OOP/D, MVC, Design Pattern
Operating Systems:	Windows, Linux/Ubuntu

Independent Projects & Solutions

- **Parental Control:** An application that allows real-time monitoring of a selected computer through a website in three different ways.
- **XYZ Cartesian Coordinate Simulator:** Converting G-code to Python code and creating a simulation for a 3D printer application in Python.
- **WebScraper:** A bot developed for an e-commerce sales company that tracks competitor products on other e-commerce platforms daily and compares prices with previous days (Python).
- **Field Calculator:** Measuring the area of a white object placed on a black surface using image processing, developed for a shoe manufacturing factory (Python).
- **TimeTracker:** A desktop application developed for Freelancer users that calculates and daily reports the amount of time spent on Freelancer's software tool, enabling tracking as well (C#).
- **Camera Track:** An application utilizing image processing to recognize the license plates of vehicles arriving at the front door. If the plate corresponds to a registered user in the database, it uses IOTHOOK to send data to Arduino, allowing the door to open (C#).
- **DoguWars:** An online game played by two computers using TCP/IP methods (C#).
- **Creating static and dynamic websites using various web tools (PHP, Django, HTML, CSS.)**

Experiences

- **February 2025 – February 2026 | Project & Coordination Officer T.R. Gendarmerie General Command, Cyber Crimes Department (Reserve Officer)**
 - Developed advanced Excel macros and automation solutions using VBA to optimize reporting and presentation processes.
 - Developed internal web-based information and tracking tools using HTML, CSS, and JavaScript.
 - Played an active role in inter-unit communication and coordination, ensuring the timely completion of projects.
 - Assumed team management and leadership responsibilities, effectively managing workflow and communication within the chain of command.
 - Served in the Plan and Coordination Branch within the Department, overseeing the tracking and coordination of administrative and technical projects.

- **March 2022 – August 2024 | Maxion Wheels** (Intern / Full Time)
 - Developed C# and Python-based systems to automate manual workflows on the production line.
 - Designed ASP.NET and Django-based web interfaces that accelerated data entry processes.
 - Interpreted and visualized data collected from the field, ensuring clarity and supporting sustainable operations.
 - Developed Windows Forms applications and service software for the Windows operating system.
 - Implemented automation projects to streamline routine tasks across various departments.
- **September 2020 – February 2022 | Meşe Bilişim Yazılım Mekatronik** (Intern / Part Time)
 - Developed various automation systems.
 - Built web-based projects.
 - Integrated devices using IoT technology.
 - Developed various desktop applications.
- **September 2019 – March 2022 | Sağlık Kültür ve Spor Daire Başkanlığı** (Part Time)
 - Lifeguard.
 - Personal Trainer.
 - Facility Manager.

Education

- (2018 - 2023) Manisa Celal Bayar University Computer Engineering (English) (Avg: 3.01 / 4.00)
- (2014-2018) Ülkün Yalçın Anatolian High School (2014-2018)

Certificates

- Google Dijital Pazarlamanın Temelleri
- Django LinkedIn Yetenek Değerlendirmesi rozeti
- HTML 5 ile Web geliştirme
- Bilgi Teknolojileri
- Temel Ağ Teknolojileri
- Sıfırdan İeriye Python Programlama
- Fitness Antrenörlük belgesi
- Cankurtaranlık Sertifikası.

Hobbies

- Rowing
- Crossfit
- Powerlifting
- Swimming
- Riding a Motorcycle

Personal Information

- Born: June 1999 | KADIKOY
- **Residence:** Kocaeli / Gebze
- Driving Licence B, A2
- **Military Service:** Completed (Discharge: 06.02.2026)