

# Mehmet GENÇDAL

Computer Engineer

## Communication



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Siverek / Şanlıurfa



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[@mehmetgencdal](https://github.com/mehmetgencdal)

## Education

### Adnan Menderes University

Computer Engineering (English)

2018 - 2023

3.45/4

### Bursa Teknik Üniversitesi

Computer Engineering

2024 - On going

## Languages

Turkish Native

English B2

## Military Status

Deferred (19.12.2027)

## Driver's License

B2 Driver's License

## Skills

Python 4+ years

Flutter 3+ years

Prolog

React

PostgreSQL

Postman

Docker

Git

## Biography

- I was born on August 18, 1998, in the Siverek district of Şanlıurfa.
- I graduated from the Department of Computer Engineering at Adnan Menderes University in Aydın in 2023.

## Experience

### AI Software Eng. & Mobile Dev & Backend Dev

DDİ Bilişim Çözümleri LTD. ŞTİ. (Remote)

09.2023 - On going (2+ years)

Artificial intelligence-based applications, backend and mobile application development

### INTERN

İnnova Bilişim Çözümleri A.Ş - AI Department (Remote)

04.2023 - 05.2023 (20 days)

Developing projects with Knime, Spark, Machine Learning, SQL, and Pandas

### INTERN

DDİ Bilişim Çözümleri LTD. ŞTİ. (Remote)

07.2022 - 08.2022 (20 days)

Developing a project that extracts the meaning conveyed by proverbs and idioms using rule-based natural language processing

### DATA ENTRY TEAM LEADER

Qua Granite (Remote)

12.2021 - 10.2021 (10 months)

Tracking and control of data processed in the field of advertising and marketing.

### DATA ENTRY

Qua Granite (Remote)

10.2020 - 12.2020 (2 months)

Processing of data in the field of advertising and marketing

## Classes

Natural Language Processing  
Formal Logic  
Declarative Programming  
Formal Languages and Automata Theory  
Ontology Engineering  
Biomedical Signal Analysis and Machine Learning  
Introduction to Graph Theory  
Machine Learning  
Artificial Intelligence  
Autonomous Mobile Robots  
Fundamentals of Image Processing  
Natural Language Processing with Machine Learning  
Internet of Things

## Certificates

### BTK Academy

- Introduction to Natural Language Processing
- Python and Tensorflow for Data Science
- Introduction to Artificial Intelligence and Algorithms
- Advanced Python Programming from Scratch
- Introduction to Data Science with R

### Udemy

- Statistics for Data Science: Statistics with Python
- (50 Hours) Python A-Z™: Data Science and Machine Learning
- Developing Web Applications with Spring and React

## References

### Prof. Dr. Yılmaz Kılıçaslan

Mudanya University  
yilmaz.kilicaslan@gmail.com

### As. Prof. Ahmet Çağdaş Seçkin

Aydın Adnan Menderes University  
acseckin@adu.edu.tr

### Ersin Aksoy

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## Projects

### DDI Teknoloji LTD. ŞTİ.

- **Bleubot - Artificial Intelligence-Based Autism Support Tool:** Modules for diagnosing autism from natural language expressions, visual production, voice cloning, etc. were developed. Mobile and backend work was also carried out.
- **Cheque Module:** A module was developed that extracts data from checks in a structured manner using VLLM and performs field validation.
- **Signature Checker Module:** A module was developed that determines authenticity by performing a vector comparison of two signatures.
- **Document Intelligent:** An application was developed that performs tasks such as analysis, classification, and data extraction of pharmacological documents using VLLM and LLM models.
- **Agent-MCP Agent:** VLLM ve LLM modelleri kullanılarak MCP protokolü ile haberleşen agentlar geliştirildi.

### Internships

- **Innova Bilişim Çözümleri A.Ş.:** Data analysis was performed using Pandas, Knime, Spark, and SQL on different datasets. Classification, clustering, regression, and deep learning..
- **DDI Teknoloji ve Bilişim:** A project was carried out using rule-based NLP techniques with Prolog to identify proverbs and idioms in documents and replace them with their meanings.

### Other Projects

- **Morphophonologic Analyzer (Thesis):** It is a Prolog-based module that parses the given text into its morphological and phonological components according to Turkish grammar.
- **Chatbot:** A chatbot system developed using rule-based grammar and statistical artificial intelligence techniques for words and sentence clusters.
- **Autonomous Robot:** Developed in the CoppeliaSim environment using machine learning and algorithms such as A\* and Dijkstra.
- **Signal Processing:** EEG data was processed to classify movements using artificial intelligence.
- **NLP Projects:** Projects involving fundamental NLP, NLU tasks such as NER tagging were developed.
- **IoT Projects:** Projects were carried out involving the transmission and processing of stream data via MQTT using ESP32.
- **Image Processing Projects:** License plate recognition and object tracking projects were carried out using OpenCV.
- **Ontological Modeling:** Ontology work was conducted on a specific domain.
- **Recipe Search Engine:** A recipe search engine was built using Flutter.
- **Personal Website:** A personal website was created using React.
- **Web Scraping:** Web scraping was performed by using Selenium.
- **Bots:** Bots were created for systems such as Telegram.