

Medine Kaynak

Computer Engineer- Project Volunteer /T3 AI'LE

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Summary

I am a passionate computer engineering student with a strong interest in AI, machine learning, and data science. My journey in tech has been fueled by curiosity and a deep desire to understand and create innovative solutions. I am excited to continue learning, sharing knowledge, and collaborating with others who share this passion.

Experience

Information Technology Intern, TNC Group Şirketleri

04/2025 – Present

Completed practical trainings in Excel, AutoCAD, Python, and Photoshop, and participated in project writing and international internship preparatory sessions. Gained hands-on experience through project submission and team collaboration exercises.

Finer CC, Voluntary

2025 – Present

Deneyap Mentor, Deneyap Türkiye

12/2024 – Present

(5 months)

Guiding and mentoring students in technology and innovation projects, fostering their skills in coding, electronic, and problem-solving as part of Deneyap Technology Workshops.

Writer, Medium

10/2024 – Present

Maintain a technical blog on Medium, regularly publishing articles on various technology and development topics. This experience showcases strong written communication skills and the ability to simplify complex technical information for a broader audience.

Project Volunteer, T3 AI'LE

09/2024 – Present

(8 months)

Working on the development of a Turkish large language model

IEEE-Computer Society, IEEE Muğla Sıtkı Koçman Üniversitesi Öğrenci Kolu

09/2024 – 01/2025

(5 months)

I've been elected Vice President of the Computer Society at my university!

Looking forward to driving innovation, supporting our members, and creating an environment where we can all grow and excel in the field of technology.

Let's make this year amazing!

Denizasrı Online Internship, DenizBank

10/2024 – 11/2024

Completed an online internship focused on the banking and finance industry. We received information about the financial world and took a final exam to test our knowledge. I successfully passed the exam and received a certificate of completion.

CoCRM Data Mining Intern, COCRM	10/2024 – 11/2024
Served as a Data Mining Intern, focusing on large-scale web scraping and data extraction from multiple sources. I utilized techniques like Python scripting and regular expressions to efficiently gather and structure critical information for analysis.	
Trainee-Data Science and AI Summer School, Coderspace	08/2024 – 09/2024
(2 months)	
In this training, I learned the fundamentals of data science and Python, including Python programming, data manipulation and analysis, and basic to advanced data visualization techniques. Additionally, I gained knowledge in machine learning, deep learning, and generative AI, and worked on several projects to apply these skills.	
Introduction to Blockchain and Web3, Mustafa Akgül Özgür Yazılım Kampı	08/2024 – 08/2024
(1 month)	
I attended the Mustafa Akgül Özgür Yazılım Camp organized by the Turkish Linux Users Association, where I received Blockchain and Web3 training. I gained practical experience in blockchain fundamentals, smart contracts, consensus mechanisms, and Solidity development, creating tokens and NFTs. This training has been instrumental in advancing my skills in blockchain projects.	
Library Assistant, Muğla Sıtkı Koçman Üniversitesi	11/2023 – 06/2024
(8 months)	Muğla, Türkiye
I worked as an assistant in the library, where we frequently utilized Microsoft Office programs to manage tasks efficiently. I was responsible for creating and updating documents, organizing data in Excel, and preparing presentations in PowerPoint for various library events and projects. This experience helped improve my technical and organizational skills.	
Astrolis, Teknofest	2024 – 2025
openSource	
Projects	
trendAI	2025 – Present
Developed an AI-powered recommendation system that analyzes e-commerce product trends using Python, TensorFlow, and PostgreSQL. Led the architectural design and contributed to backend and database development in collaboration with teammates.	
Finer CC	2025 – Present
Developed a mobile application to improve financial literacy among youth through interactive lessons, quizzes, and real-life simulations using Flutter and AI-based video production tools. Contributed to the AI-based video production system, enhancing user engagement and personalized learning experiences.	
TWP	2023 – Present
Developed a smart wearable device using a transparent graphene dome for personal safety, implementing Python and embedded AI algorithms. Contributed to software architecture and AI integration, enabling autonomous and adaptive protection control.	

Astrolis

2024 – 2025

Participated in the development of a category-1 model satellite, covering electronics, mechanics, communication, and software systems using C++, Arduino, and Raspberry Pi. Contributed to software and system integration, ensuring seamless data communication and control between subsystems.

Top Skills

- Python (TensorFlow, ML/NLP Applications)
- HTML
- Java
- Git
- SQL
- Linux
- Java
- CSS
- Github
- C++
- Database

Languages

English
Professional Working

German
Elementary

Turkish
Native or Bilingual

Certifications

- Introduction to Blockchain and Web3

Education

Bachelor's degree, Computer Engineering, Muğla Sıtkı Koçman Üniversitesi

10/2023 – 06/2028