

BEYZA NUR YILDIRIM

SOFTWARE ENGINEER

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ANKARA

REFERENCES

• PROF. DR. HAMDİ TOLGA KAHRAMAN

Karadeniz Technical University,
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Software Engineering, Department of
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SKILLS AND COMPETENCIES

- Time Management
- Teamwork
- Analytical Thinking
- Innovative Approach
- Problem Solving
- C/C++
- Java
- Kotlin
- Python
- Matlab
- Object-Oriented Programming
- Software Design Principles
- Database Management
- Web Design (HTML/CSS/PHP/JS/REACT)
- Machine Learning (AI, LLM, Computer Vision)

WORK EXPERIENCE

- TÜBİTAK UZAY
- AI(VİSİON) INTERNSHIP- 15.10.2025-PRESENT - 58 DAYS
- İMST
- AI INTERNSHIP- 16.07.2025-29.08.2025 - 33 DAYS
- VOLUNTEER T3AI
- DATA ANALYST- 20.02.2025-PRESENT
- TNC GRUPS-ONLINE
- INTERNSHIP~ 13.03.2025- 21.04.2025 - İSTANBUL
- ARVİS TEKNOLOJİ-ONLINE
- INTERNSHIP~ 2024- İSTANBUL - 30 DAYS - ARTİFİCİAL INTELLİGENCE R&D
- KARADENİZ TEKNİK UNIVERSITY-UZEM
- INTERNSHIP~ 2023 - TRABZON - 30 DAYS - R&D
- TURK TELEKOM (TELECOMMUNICATIONS)-
- INTERNSHIP~ 2018 - ANKARA - 45 DAYS

EDUCATION

2021-2026 BACHELOR'S DEGREE - SOFTWARE ENGINEERING
KARADENİZ TECHNICAL UNIVERSITY
(4TH YEAR, GPA: 3.21)

CERTIFICATIONS

21/09/2025	TEKNOFEST'25 ISTANBUL T3 Foundation & Republic of Türkiye Ministry of Industry and Technology
29/08/2024	Certificate of Achievement Arvis Teknoloji
10/07/2024	Big Data and Data Modeling BTK Academy
07/03/2024	Introduction to Artificial Intelligence and Algorithms BTK Academy
20/02/2024	Cryptography BTK Academy
07/08/2023	Introduction to Programming with Java BTK Academy
07/07/2023	Tinkercad with Arduino BTK Academy
2021-2022	Information Security Certification Karadeniz Technical University

PROJECTS

- [Java-MS Access Database Connection / Internship Project](#)
The project involving Java(GUI) to connect with MS Access database, perform basic database operations (add, update, delete), and retrieve the database file from a folder with extension control, has been successfully implemented
- [Cryptology / Team Project](#)
A project was developed to establish secure and confidential communication between two parties. The project utilized DES, RSA signing, MD5 hash function, and Diffie-Hellman key exchange algorithms.
- [KTUOF / Project Development Learning Team](#)
As part of the KTUOF Project Development Learning Team, collaborated on web development projects. Responsibilities included front-end and back-end development tasks, implementing new features, and ensuring the overall functionality and user experience of web applications. I specifically focused on back-end development
- [Machine Learning Exploratory Data Analysis](#)
In this project, working on a dataset (100,000 records) involves data preprocessing, training various machine learning models, and visualizing their outputs. Initially, exploratory data analysis (EDA) was conducted to understand the fundamental characteristics of the dataset, followed by identifying basic elements such as missing values, outliers, and data types. Three different machine learning models were selected, trained, and evaluated using various performance metrics. Finally, the results of the models were visualized using techniques such as confusion matrices, ROC curves, and graphical representations of performance metrics.
- [Image Processing:](#)
The Image Processing project was implemented using the TensorFlow library and involved working with two different datasets. The project aimed to analyze whether image data is real or fake by applying image processing techniques.

[View GitHub Account](#)