

Okan Bulgur

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EDUCATION

Yeditepe University
Bachelor of Science/Computer Engineering.
- GPA: 3.73/4.0

- Relevant coursework:** Programming Language Concepts, Algorithms, Data Structures, Analysis of Algorithm, Software Development Methodologies, Operating Systems Design, Software Engineering, Artificial Intelligence, Network, Deep Learning for Computer Vision, Big Data and Data Science

ISTANBUL, TURKEY
SEPTEMBER. 2020 – JUNE. 2025

EXPERIENCE

ASELSAN, Intern
Software Engineering Intern

- Eliminated the need for manual conversion by developing an abstract MessageConverter for automatic data conversion between Protobuf and Java Objects using Spring Boot.
- Created a process to automatically generate and compile proto files from Java classes, compressing them into a jar file for efficient use.
- Integrated ProtobufMessageConverter Bean for seamless data transformations without modifying existing project structures, achieving over 50 % data size reduction compared to JSON.
- Skills:** Protocol Buffer, Java, Java Reflection, Spring Boot, Maven, RabbitMQ

JUNE. 2024 – JULY. 2024

Turkish Aerospace (TUSAS), Intern
Software Engineering Intern

- Developed a back-end system for a full-stack application to display company data in desired formats and improve ease of processing.
- Integrated into PostgreSQL by extracting and processing data from LDAP and MSSQL databases.
- Finalized the functionality of the application by creating endpoints to ensure seamless communication with the front-end.
- Skills:** Java, Spring Boot, Active Directory, PostgreSQL, MSSQL

AUGUST. 2024 – SEPTEMBER.2024

ECSA 2023, Registration Co-Chair
Registration Co-Chair of 17th European Conference On Software Architecture (ECSA 2023)

- The European Conference on Software Architecture (ECSA) is the premier European software architecture conference, providing researchers, practitioners, and educators with a platform to present and discuss the most recent, innovative, and significant findings and experiences in the field of software architecture research and practice.
- During the conference which is organized under the leadership of Associate Professor Mert Özkaya, I held the role of Registration Co-Chair. In this capacity, I was responsible for overseeing the attendee registration process, ensuring technical proficiency in each conference room, and coordinating the transportation of the participants.
- Website:** [17th European Conference On Software Architecture \(ECSA 2023\)](#)

JULY. 2023 – OCTOBER. 2023

SKILLS

- Programming Languages:**
- Frameworks:**

Java, C/C++, C#, Python, Javascript, Dart, SQL, PHP
Spring Boot

LANGUAGES

- Turkish (Native)
- English (Advanced)