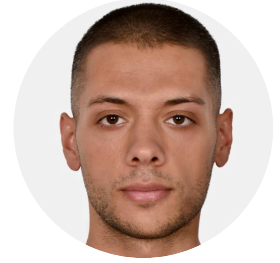# Onur Şahinler *Computer Engineer*

✉ sahinleronur9@gmail.com

📞 +90 507 180 1518

📍 Yenigün Neighborhood, Nazım Hikmet Street, Buca/İzmir/Türkiye

in linkedin.com/in/onur-şahinler-b39bb9224

🔗 https://onursahinler.github.io/onur-portfolio/

github.com/onursahinler

📇 Profile

I am a Computer Engineering graduate from IZTECH with hands-on experience in software testing and machine learning. Throughout my studies, I've actively taken part in team projects, enhancing my collaboration and communication skills. While I may lack some of the technical expertise gained through real-world projects, I am highly motivated to bridge this gap. My eagerness to learn and motivation are strong, and I strive to combine the theoretical knowledge I've gained at university with practical experience to build a meaningful career. I'm passionate about creating reliable software solutions and eager to contribute to innovative projects in **software testing** or **machine learning** roles. With my willingness to learn and solution-oriented mindset, I aim to contribute not only to my own personal development but also to the success of any team I become a part of.

💼 Professional Experience

Test Camp Participant   04/2025 – 05/2025
Commencis ⧉   İzmir, Türkiye
Completed the 6-week Commencis Test Camp, gaining hands-on experience in software testing, test techniques, test management tools, and CI/CD practices under the mentorship of experienced QA professionals.

Software Test Engineer Intern   06/2024 – 10/2024
BeforeSunset AI ⧉   İzmir, Türkiye
I completed a Software Test Engineer internship at BeforeSunset AI, where I contributed to improving product quality and reliability. I conducted functional, design, and performance testing, identified and reported bugs, and collaborated with developers to resolve issues. Additionally, I optimized database queries to enhance application performance and gained hands-on experience in test automation, debugging, and QA best practices within an agile environment.

Co-Founder and Former Board Member   10/2024 – 07/2025
IZTECH-Lösev Fayda Society ⧉   İzmir, Türkiye
Co-founder and former board member of the Lösev Fayda Community at IZTECH, where I served as Sponsorship Coordinator and Treasurer. Actively organized events and initiatives to support children with leukemia, while fostering social responsibility and community engagement among students.

🎓 Education

Bachelor's Degree / Computer Engineering (100% English)   09/2020 – 06/2025
İzmir Institute of Technology ⧉   İzmir, Türkiye
GPA: 3.01 / 4.00

🧠 Skills

- Software Testing
- Mobile Testing
- Information Security
- Matlab & Simulink
- Test Automation
- Project Management
- UI/UX Design
- Team Collaboration
- Python
- SQL
- React & HTML/CSS
- Machine Learning & Deep Learning
- Flutter & Dart
- Embedded Systems

📂 Projects

**Real-Time EV Charging Station Locator and Reservation System** ⧉   09/2024 – 06/2025
Team Leader & Full-stack Developer & Software Test Engineer
I successfully developed a mobile web application that enables electric vehicle (EV) users to locate and reserve charging stations in real time. Working as the team leader and full-stack developer in a two-person team, I designed an intuitive UI, ensured seamless functionality, and conducted thorough QA testing. We implemented smart optimization algorithms that suggest ideal charging stations based on user preferences, traffic, weather, and cost— enhancing efficiency and user satisfaction.

Machine Learning & Deep Learning   09/2024 – 06/2025
• <u>Heart Disease Prediction</u> ⧉ : Implemented regression models (linear, logistic, polynomial) on UCI heart disease data. Evaluated performance using MSE and accuracy.
• <u>Text Classification</u> ⧉ : Processed and balanced a medical text dataset. Trained SVM, Naïve Bayes, and Random Forest models, comparing performance via precision, recall, and F1-score.
• <u>Image Clustering & Retrieval</u> ⧉ : Applied PCA, t-SNE, and K-Means on chest X-ray images for feautre reduction and clustering, building a query system for similar image retrieval.
• <u>Transfer Learning for Animal Image Classification</u> ⧉ : Developed CNN models using TensorFlow-Keras with transfer learning and data augmentation for multi-class animal image classification.

Smart Waste Monitoring System ⧉   01/2025 – 06/2025
Project Manager & Embedded Systems Developer & Mobile Developer & Software Tester
Developed a low-cost smart trash bin monitoring system using Arduino and Flutter. Integrated dual ultrasonic sensors and Bluetooth for real-time fill-level tracking. Designed to support sustainable waste management by reducing collection trips and preventing overflows through timely alerts and mobile app integration.

Online Internship Management System   10/2023 – 06/2024
Front-end Developer & Software Test Engineer
A platform designed to simplify the internship process for students of the Computer Engineering department at IZTECH. It allows students to access internship postings by companies and automates documentation tasks before, during, and after the internship period. With a user friendly interface and efficient data management, the platform reduces the workload on students and provides a more streamlined experience.

BuildYourself   02/2024 – 06/2024
Full-stack Developer & Project Manager
A mobile application that revolutionizes the reservation process at gyms. Users can select the body part they plan to train on a human silhouette and view equipment availability and other users' workout plans during their selected time slots. App enhances the gym experience by optimizing time management and convenience for its users.

🎖 Awards

Fayda (Benefit) Community of the Year Award ⧉   05/12/2024
Foundation for Children with Leukemia (LÖSEV)
On December 5th, International Volunteer Day, our community was recognized as the **FAYDA Community of the Year** by the Foundation for Children with Leukemia (LÖSEV ⧉) for our outstanding contributions to volunteerism and social responsibility among all FAYDA communities.

🎗 Certificates

• Social Awareness and Leadership Certificate ⧉   • 2025 Software Testing Bootcamp ⧉