Ali Gözay

R&D Technology Development Sr. Engineer

Experienced technology developer who understands the needs of variety of business units, offers appropriate digital solutions to meet their needs and makes necessary improvements for their work processes and working environments

PERSONAL INFO

- 14/06/1990
- B, A2
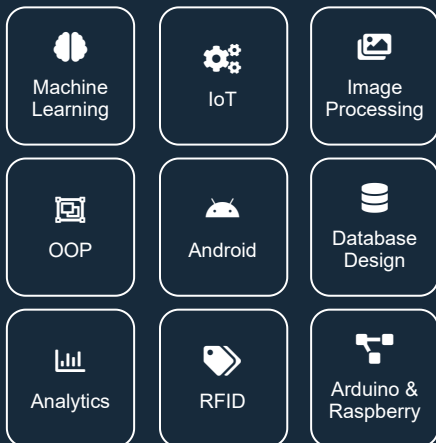- Completed

CONTACT INFO

- 05378610558
- gozayali@gmail.com
- github.com/gozayali
- linkedin.com/in/gozayali
- Beşevler Mh. Yıldırım Cd. No:141-143B Daire:3 Nilüfer/BURSA

SKILLS

- Machine Learning
- IoT
- Image Processing
- OOP
- Android
- Database Design
- Analytics
- RFID
- Arduino & Raspberry

LANGUAGES

- **TR** ★★★★★
- **ENG** ★★★★☆

EXPERIENCE

2017 - Present

TECHNOLOGY DEVELOPMENT ENGINEER

Borçelik Çelik San. Tic. A.Ş.
(Joint venture of Borusan Holding and Arcelor Mittal)

- Real-time tracking of Bluetooth®Low Energy (BLE) smart Tags and devices (Quuppa Tags)
- RFID-based tracking of coil, truck, trailer etc. (Harting & Impinj)
- Design of scalable sensor data & microservice architecture and implementation
- Condensation prediction in coil stock area (Machine Learning - KNIME)
- Text Extraction and Recognition from an Image embedded in specific PDF using Neural Network(C#)
- Detection of displacements on tensile specimens to achieve higher strain values while Tensile testing (Image Processing / OpenCV)
- Classification of steel scrap type using image recognition
- Tracking cranes' location by using radar and android devices (Stockyard Management System integration for any warehouse)
- Variety of docker container apps for cloud
- Variety of C# apps (for Weighbridge, Kiosk, etc)
- Variety of Android apps (for Forklift operations, Stockyard operations, etc)
- AR apps (Unity-Vuforia, Processing-Java, Python-ARUCO)

2013 Summer

SUMMER INTERN

Bilişim A.Ş.

- Organizational Chart Project
- Using JBoss Seam, SVN, JSF, javascript, css, xhtml, JSON ,richfaces, Oracle10g, hibernate
- A web-based project that aims easy control and present organizations information and labor information of TOKİ. It also makes organization and labors transparent and every employee who uses this program could see organization and labors but only the admin can manage information.

2012 Summer

SUMMER INTERN

T.C. Orman ve Su İşleri Bakanlığı (The Ministry of Forestry and Water Affairs)

- Document Management System for the Ministry
- Research on Software Development Life Cycle (SDLC)
- Work on Database design

EDUCATION

2008-2015

BILKENT UNIVERSITY

Engineering Faculty, Computer Science (English)
Success Scholarship

- Introduction to Machine Learning
- Principles of Engineering Management
- Software Product Line Engineering
- Software Engineering Project Management
- GPA: 2.19/4.00

2013 Spring

ROSKILDE UNIVERSITETSCENTER (DANMARK)

Informatic and Computer Engineering Faculty, Computer Science (English)
Erasmus Programme

- Design of Interactive Experiences
- Introduction to Graphics and Animation
- Artificial Intelligence

2004-2007

MERSIN HIGH SCHOOL OF SCIENCE

High School

- GPA: 91.99/100

CERTIFICATIONS

Jun, 2019	**Gamified Agile & Scrum Training**	ACM Agile
Apr, 2019	**Big Data and Business Analytics Certificate Program**	Istanbul Technical University
May, 2018	**TEYDEB Proje Hazırlama ve Yürütme**	Etkin Proje Danışmanlık
Jul, 2017	**Advanced Analytic Methods with KNIME Analytics Platform**	InforA - Advanced Analytic Solutions
Jun, 2017	**The Magic of Situational Self Leadership**	Blanchard International Turkey
Apr, 2017	**Basic Simulation Training with Simio**	Dijitalis Yazılım ve Danışmanlık

ORGANIZATIONS

- **Borcelik Maker Club** *(2019-Present)*
  - Instructor
- **Hacettepe University Underwater Sports Club** *(2011-2012)*
  - Voluntary Support for Overcome the Disabilities by Diving Program
- **Bilkent Street Lamp Project** *(2011)*
  - Voluntary Educational Support to Children
- **Korean Cultural Week Organization** *(2011)*
  - Voluntary Support to Korean Embassy
- **Bilkent University Open Source Software & Internet Technologies Club** *(2010)*
  - Executive board member

PATENT & UTILITY MODEL APPLICATIONS

12-10-2021	**Bir Test Düzeneği**	UTILITY MODEL (2021/015851)
20-10-2021	**Bir Test Düzeneği**	PATENT (2021/016363)
10-12-2021	**Bir Test Sistemi**	PATENT (2021/19568)
15-12-2021	**Bir Malzeme Veri Kütüphanesi Oluşturma Sistemi**	PATENT (2021/020002)