Mustafa Sencer Özcan

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EDUCATION

BOGAZIÇI UNIVERSITY
BS in Mechanical Engineering
Jun 2017 | Istanbul, TR

COURSEWORK

UNDERGRADUATE
Dynamic Feedback Control Systems
Proprioceptive Feedback Systems
Mechatronics
Adaptive Control
System Dynamics

SKILLS

PROGRAMMING
Extensive Usage:
Python • Go • JavaScript/TypeScript
Familiar with:
Java • Kotlin • Shell• R

DEVELOPMENT
BackEnd:
Django • Flask • Sanic
Gin-Gonic • Express • Fastify
FrontEnd:
HTML • CSS
Angular • React.js
CI/CD:
Docker • Fabric • supervisor • Jenkins
Message Brokers:
Apache Kafka • RabbitMQ • Celery
Database:
SQL Server • MySQL • PostgreSQL
MongoDB • Redis
Others:
AWS • Nginx • FFmpeg • ArcGIS
Selenium • SocketIO

LANGUAGES
Turkish (Native)
French (Native-Like)
English (Fluent)
German (Pre-Intermediate)

EXPERIENCE

BLUTV | Software Engineer
May 2020 - Present | Istanbul, TR

- OTT streaming media platform in Turkey and MENA. For more information: **bluTV**
- Customer relation management, content management, content delivery, user entitlement, content recommendation, video encoding/transcoding and device management developments.

CEREBRO | Software Engineer
Dec 2017 - May 2020 | Istanbul, TR

- Cerebro is a start up company providing automated bidding systems for Trivago, TripAdvisor and Google Hotel Ads. For more information: **cerebro.tech**
- Machine learning, reinforcement learning and optimization modeling environments in Python (e.g. Keras, Sklearn, PyTorch, Pandas, Xgboost, Numpy).
- Distributed systems, automated ML, web development, click prediction, sales prediction for OTAs.

BORUSAN MANNESMANN | Long Term Intern
Feb 2017 – Oct 2017 | Istanbul, TR

- New Generation Talent Program intern in the steel pipe production segment.
- Gemlik SAWH Mill production planning developer, automation processes management.

PROJECTS

HIWELL APP | Software Engineer
Sep 2019 – June 2020 | Istanbul, TR

Hiwell app is enabling remote interactions between clinical psychologists and their patients. I mainly worked on the development process of the APIs and internal dashboards. Helping the team in also developing the **Hiwell App**.

GITHUB PROJECTS | Software Engineer
Sep 2018 – Present | Istanbul, TR

Few small side projects or challenges that I find interesting. In my free time, I try to explore new projects and maintain some individual repositories. My fields of interest are: Algorithms, Data Structures, Visualization, Vehicle Routing, System Dynamics, etc.

ACTIVITIES AND CERTIFICATIONS

2016	Bogaziçi University Women Football Team Trainer for a year.
2014	23rd April Festival Organization in La Rochelle(France) for the Turkish Comm.
2014	Kadir Has University Certificate of Sports Communications/Media by Bagıs Erten.
2014	Mithat Alam Film Center: Independent film-making Certificate by Nadir Öperli.
2013	Bogaziçi 1863 FC Member and Player since its creation.
2013	Bogaziçi University Football Team Member and Player since university entrance.
2013	KYK Scholarship (Awarded to students in the top 100 in Turkey).
2012	University Entrance Exam 2012 (DIL-1) 76th among 1 Million Students.