

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

Vehicle Routing

Mechatronics

Adaptive Control

System Dynamics

SKILLS

PROGRAMMING

Extensive Usage:

Python • Go • JavaScript/TypeScript

Familiar with:

C++ • Java • Kotlin • Shell • R

DEVELOPMENT

BackEnd:

Django • Flask • Sanic • FastAPI

Express • Fastify • Koa

Gin-Gonic • httprouter • net/http

FrontEnd:

Angular • React.js • Next.js

CI/CD:

Kubernetes • Docker • Fabric •

supervisor • Jenkins • Travis CI

Message Brokers:

Apache Kafka • RabbitMQ • SQS • SNS

Database:

SQL Server • MySQL • PostgreSQL •

Amazon Redshift • MongoDB • Redis

Others:

Nginx • FFmpeg • OSRM • Pydantic •

Vroom • Selenium • SocketIO • Sklearn •

swr • flake8 • pytest • Celery • Pulp

LANGUAGES

Turkish (Native)

French (Native-Like)

English (Fluent)

German (Pre-Intermediate)

EXPERIENCE

GETIR | SOFTWARE ENGINEER

Nov 2020 - Present | Istanbul, TR

- **getir** is a grocery delivery company operating in Turkey and UK.
- Member of the Algorithm Team responsible for developing the vehicle routing and assignment, order acceptance, traffic and map matching services.
- Metaheuristic optimization, CVRP, VRPTW, VROOM, OSRM, etc...

BLUTV | SOFTWARE ENGINEER

May 2020 - Nov 2020 | Istanbul, TR

- **blutv** is an OTT streaming media platform present in Turkey and MENA region.
- Content management, content delivery, user entitlement, content recommendation, video encoding/transcoding developments.

CEREBRO | SOFTWARE ENGINEER

Dec 2017 - May 2020 | Istanbul, TR

- **cerebro.tech** is a startup company providing automated bidding systems for metasearch engines such as Trivago, TripAdvisor and Google Hotel Ads.
- Distributed systems, automated ML, web development, click prediction, sales prediction for OTAs.

BORUSAN MANNESMANN | LONG TERM INTERN

Feb 2017 - Oct 2017 | Istanbul, TR

- 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. 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 Kadir Has University Certificate of Sports Communications/Media by Bagis Erten.
- 2014 Mithat Alam Film Center: Independent film-making Certificate by Nadir Öperli.
- 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 (DİL-1) 76th among 1 Million Students.