

Süleyman Topdemir

Curriculum Vitae

Şişli, İstanbul

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Work Experience

- 2023- **Freelance Data Scientist**
- 2021-2022 **Data Scientist**, AFINITI
Fully Remote and English Speaking Environment
in AT&T and TELECOM ITALIA account teams
- 2016-2021 **Teaching Assistant**, SABANCI UNIVERSITY, Istanbul, Turkey
Information Systems, 1 semester
Supply Chain Planning in collaboration with UNILEVER, 1 semester
Simulation and Statistics, 3 semesters
Project Management in collaboration with UNILEVER, 3 semesters
Manufacturing and Digitalization Strategies, 1 semester
- 2016 **Intern**, Production Planning Department, TURKISH AEROSPACE INDUSTRIES INC.
Ankara, Turkey, 4 months
- 2015 **Intern**, Supply Chain Department, TEMPO UNO KFT., **via the Erasmus+**
Budapest, Hungary, 3 months
- 2014 **Intern**, Customer Experience Management, BTA-TAV AIRPORTS
Istanbul, Turkey, 4 months

Education

- 2019–2021 **PhD**, *Industrial Engineering*, SABANCI UNIVERSITY
dropout Istanbul/Turkey
- 2016–2019 **MSc**, *Industrial Engineering*, SABANCI UNIVERSITY, 3.40/4.00
Istanbul/Turkey
- 2017–2018 **the Erasmus+**, *Industrial Engineering*, DELFT UNIVERSITY OF TECHNOLOGY
one semester Delft/the Netherlands
- 2011–2016 **BSc**, *Industrial Engineering*, TOBB UNIVERSITY OF ECON.AND TECH., 3.50/4.00
Ankara/Turkey
- 2007–2011 **High School**, *Natural Sciences*, ISPARTA SCIENCE HIGH SCHOOL, 91.07/100.00
Isparta/Turkey

Achievements

- 2019 **Full Scholarship**, SABANCI UNIVERSITY, PhD
- 2016 **Full Scholarship**, SABANCI UNIVERSITY, MSc
- 2016 **High Honor Degree**, TOBB UNIVERSITY OF ECONOMICS AND TECHNOLOGY
- 2011 **Full Scholarship**, TOBB UNIVERSITY OF ECON. AND TECH., BSc
- 2011 **National University Entrance Exam**, in **top 0.2%**




Position of Responsibility

- 2015- **Alumni**, *Endeavor Turkey*, Istanbul
- 2015- **Permanent Member**, *LEO Maltepe*, Ankara

Masters Thesis

- Title  A Mathematical Model and Application on Prevention of Gerrymandering
- Supervisors Asst. Prof. Kemal Kılıç SABANCI UNIVERSITY & Prof. İlker Birbil AMSTERDAM UNIVERSITY

Projects

- Business  Large Neighborhood Search Algorithm Implementation for PDPTW
- Course  Handwritten Digit Recognition using Pattern Recognition Techniques (MNIST Dataset), Pattern Recognition
- Internship  Automated-Storage Platform Optimization by using Tabu Search Algorithm
- Graduation Vehicle Routing Optimization by using Tabu Search Algorithm

Technical Skills^{/5}

- OS Windows, macOS
- Languages R⁴, Python⁴, Java³, Javascript²
- Database SQL⁴, postgresSQL⁴, MS Access⁴, MySQL⁴
- Optimization CPLEX⁴, GAMS⁴, MATLAB³, XPRESS³
- BI Reporting Power BI⁴, Tableau³
- MS Office Excel⁴, PowerPoint⁴, Word⁴
- Misc QGIS³, WEKA⁴, AutoCAD³, Arena⁴, SAP MM Module³, SAP PP Module³

Language Skills

English (B2)^{*}, German (A2)^{*}, Turkish (Native)

Programs

- 2023 Machine Learning Winter School organized by KOÇ UNIVERSITY, Istanbul/Turkey
- 2018 YGA Summit, Istanbul/Turkey

- 2016 Mathematical Foundations of Machine Learning, Nesin Mathematics Village, Izmir/Turkey
- 2016 Unreasonable Labs Turkey sponsored by USA Consulate General, Istanbul/Turkey
- 2015 Endeavor CaseCampus Entrepreneurship Program sponsored by JP MORGAN, Istanbul/Turkey

Interests

Enthusias. for Interdisciplinary Studies

Academic Machine Learning / Mixed Integer Programming / Linear Optimization / Bayesian Statistics

Leisure Travel / Woodworking / 3D Printing

References

Data Science Architect Muhammad Zeeshan, *Afiniti Ltd.*, +92 (300) 4371300, muhammad.zeeshan@afiniti.com

Production Planning Supervisor Evren Bölükbaşı, *Turkish Aerospace Industries Inc.*, +90 (532) 486 6312, ebolukbasi@tai.com.tr

Assoc. Prof. Dr. Hakan Gültekin, *Sultan Qaboos University*, +968 (2414) 3753, hgultekin@squ.edu.om

Personal Information

Birthday 05/13/1993

Place of Birth Isparta/TURKEY

Mar. Status Single

Mil. Service Completed

D. Licence A1/A2/A/B

* certificated