

HAKAN TEK

Industrial Engineer | MSc Student

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hakanttek

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An engineer who likes to develop algorithms and software. Developed projects with team-mates in the fields of operation research and deep learning, resulting in a TUBITAK award. A paragliding pilot who likes to fly with the student club.



WORK EXPERIENCE

R&D Engineer Jan – Sept 2020
Production Engineer Apr – Dec 2019

Akar Textile

Izmir, Turkey

- Developed operator performance and production monitoring system in Java.
- Formulated the standard times in Cutting Department and determinate the operators' performances.

Assistant Teacher (Part time) Nov 2018 – Feb 2019

Izmir University of Economics

Izmir, Turkey

Provided training for Excel to the students and the beginner staffs in Teaching and Learning Center. Developed an Excel macro for item analysis.

INTERNSHIP

Project Engineering Nov 2018 – Apr 2019

Philip Morris International

Izmir, Turkey

Developed the number of defective products prediction model using machine learning algorithms.

Production Systems Engr. Aug – Sept 2018

Akar Textile

Izmir, Turkey

Wrote a macro which optimally assigning the product models to the lines using Excel, VBA and Solver.

Production Engineer Jun – Aug 2018

Hugo Boss

Izmir, Turkey

Got training about production engineering and personal growth. Wrote a macro for optimally machine layout planning using Excel, VBA and solver.

Production Control Engineer Jul – Sept 2017

Delphi Technologies

Izmir, Turkey

Did an internship in the tugger system project.

VOLUNTEERING EXPERIENCE

Buddy Student Sep 2021 – Present

TH-OWL

Lemgo, Germany

Helping incoming students adapt to Germany.

Chairperson Oct 2017 – Oct 2018

IUE Aviation Club

Izmir, Turkey

Launch the autonomous uav project. Paragliding trainings were organized.

Fundraiser May – Sep 2016

UNICEF

Izmir, Turkey

Persuaded the people into being a supporter.

EDUCATION

M.Sc. in Production Engineering and Man.

Technische Hochschule Ostwestfalen-Lippe
University of Trieste (Double degree)

Oct 2020 – Present

Lemgo, Germany

Pordenone, Italy

B.Sc. in Industrial Engineering

Izmir University of Economics

Sep 2014 – June 2019 Izmir, Turkey

SKILLS

Advanced Cplex Excel & VBA EDS
Intermediate Power BI Teamcenter

Advanced Java C# Python
Intermediate SQL HTML & CSS

Language German | Pre-intermediate
Englisch | Advanced Turkish | Native

ACHIEVEMENT

Social scholarships **Studienfonds OWL** Apr 2022

STIBET I **DAAD** Nov 2021

Encouragement **Akar Textile** Sep 2020

Winner **TUBITAK 2242** Jun 2019

Paper Acceptance **39. YAEM** Jun 2019

CERTIFICATES

Elginkan Foundation OOP - C# | 80 hr
Excel & VBA | 56 hr Kaizen | 4 hr 5S | 4 hr
Benchmarking | 4 hr 6 Sigma | 4 hr

University Events 39th YAEM
Teknofest 2019 12th MÜYAK IndEx'18
24th ITU EMÖS Zirve'16

HOBBYS

Mountain biking Paragliding Swimming
Escape Game Crime Fiction Science Fiction