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 **ALİ KOÇ**

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Academic Background

***2020 –…* Hacettepe University Doctorate Student in Industrial Engineering, *Ankara, Turkey
CGPA:3.46/4.00 Total Credit: 32***

***2013– 2017* Hacettepe University Master Student in Industrial Engineering, *Ankara, Turkey CGPA:3.50/4.00 Total Credit: 21***

***2008 –2013* Hacettepe University, B.Sc. in Industrial Engineering, *Ankara, Turkey CGPA:3.04/4.00 Total Credit: 151***

***2004 –2007* Ankara High School of Science, *Turkey***

***88.81/100***

Work Experience

***May 2014 -ongoing* TED University*–* Research Assistant*–*Department of Industrial Engineering, *Ankara, Turkey***

***June 2012 –July 2012*, Short-term Internship –Directorate General of Productivity, *Ankara, Turkey***

***June 2011 – July 2011*, Purchasing Internship – Anadolu Birlik Holding Konya Şeker, Procurement Department, *Konya, Turkey***

Some Academic Projects

Graduation Project, *October 2012 – June 2013*: 'Bed Management and Utilization at Hacettepe University Hospitals'. Conducting statistics techniques, Box-Jenkins models in order to forecast required bed capacity with related unit in the hospital and simulation in the aim of bringing in solution proposals pursuant to the problem statement: Inefficient bed management due to poor data collection and interpretation.

Master Thesis Project, April 2017: Modeling of flexible manufacturing systems with Process based Petri Nets’

Lectures Assisted at TED University

CMPE 101: Introduction to Information Technologies

IE 212: Lean Process

 IE 232: Mathematical Modelling and Optimization I

IE 222: Cost Accounting

 IE 311: Manufacturing and Service Operations Planning I

IE 331: Mathematical Modelling and Optimization II

IE 312: Manufacturing and Service Operations Planning II

IE 399: Summer Practice I

IE 499: Summer Practice II

IE 466: Humanitarian Logistics

IE 471: Computational Tools for Industrial Engineers

IE 491: Senior Project I

IE 492: Senior Project II

Administrative Work Assisted at TED University

Final Exams (Fall-Spring-Summer) Scheduling for all Faculties: 2016-2022

Extracurricular Activities

*August 2012,* Volunteer internship at Hacettepe University Hospitals as a system engineer for purchasing department (observation of billing process errors)

***September 15th- 19th, 2013,* Volunteer organization member at 13th Annual Conference of the ENBIS (European Network for Business and Industrial Statistics), *Ankara, Turkey*.**

Computer Software Knowledge

LINDO

CPLEX

MATLAB

GAMS

CPN Tools

ARENA

Minitab