

# ÇAĞIL DEMİRDEŞ

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## EDUCATION

2019- Continuing **Brunel University London**  
London, UK *MSc Management*

2011 – 2016 **Bilkent University**  
Ankara *BSc Industrial Engineering*

**Senior Design Project:** Design of warehouse layout placement and optimization of inventory handling processes is built for one of the biggest FMCG companies, PepsiCo. Replacement of resources are proposed in accordance with obtaining results of method between a discrete event simulation model and integer programming model.

## WORK EXPERIENCE

Feb 2018-Sept 2019 **Gama Energy**  
Ankara

*Execution & Operations Department, Asset Performance Engineer*

- Preparing and following up on CCGT, wind and hydro power plants' CAPEX & OPEX budgets & analyzing deviations by using data management tools such as SAP-BPC & SAP-MM modules
- Reviewing asset performance targets, monitoring & tracking of power plants by using OSISoft software
- Providing reports related to detailed schedules/plans and physical progress reports of new investments and/or subprojects during execution phase with regards to a possible M&A transaction
- Providing support to condition monitoring, predictive forecasting and reliability centered maintenance programs via data capturing, integration, visualization studies
- Processing technical data using various software and computational models, conducting generation forecasts and optimum cascade operation studies
- Shutdown level optimization for CCGT power plant in order to minimize O&M expenses
- Developing and maintaining risk management tools and risk based prioritization models in cooperation with plant operation teams to identify preventive actions and preparing monthly project risk reviews
- Following of service contracts with third parties, analyzing deviations and mitigation measures
- Assisting to development of best practice asset management standards for specific asset classes, preparation and implementation of quality procedures (ISO 55001 etc.)

February 2017- 2018 **Bayındır Healthcare Group**  
Ankara

*Planning Department, Planning Specialist*

- Managing and finalizing the budget planning & reporting on the annual basis
- Preparing periodic report related to the company financials (i.e P&L, cash flow statements) to the senior management team
- Preparing feasibility reports about procurement of healthcare equipment to support decision making process
- Determining optimum number of staff and conducting simulation studies for various departments by making time studies
- Forming monthly activity reports of the hospital by collecting data from database

June –July 2015 **Man Turkey**  
Ankara

*Production Planning and Order Management Department, Trainee*

- Establishing a tool for defect products, which transforms the raw data into a desired format of data structure so that it could be stored in data warehouse

August –September 2014 **Flowserve Bremen Gestra**  
Bremen, Germany

*Production Planning and Control Department, Trainee*

- Working on improvements in the assembly line, and draw up the concerning processes by using Visio programme

## SKILLS & INTERESTS

**IT Skills** Java,R, SQL, Python, Minitab,MS Applications, Arena, Matlab, Solidworks, Xpress ,OSISoft, SAP MM & BPC

**Languages** English (Advanced), German (Intermediate), Russian (Beginner)

**Other Achievements** Bilkent University, High Honor Certificate, 2015,2016  
Certificate of SAP Training Seminar organized by Bilkent University, 2015

**Interests** Solo Violin, Travelling, Swimming