

# Ayda Ahmetoğlu

Industrial Engineer

Loves to work, eager to learn.



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Istanbul, Turkey

github.com/Ayda97/SeniorDesignProject-  
Thesis/blob/main/IE%20492%20-  
%20Final%20Report%20-%20P2021-16.pdf

## EDUCATION

### Bachelor's Degree

Istanbul Bilgi University/Turkey

09/2017 - 06/2021

## WORK EXPERIENCE

### Intern/Production Department

Kavacık/Raya Organik Gıda

*Achievements/Tasks*

- Quality Control (ISO9001) / Sample Check
- Excel Development / Make a Bill of Materials
- Production Planning and Inventory Control (Forecasting)

### Intern/Management

Kocaeli/Ice Grup Plastik A.Ş.

*Achievements/Tasks*

- Using Software Odoo for creating a bill of materials, manufacturing requirement planning; Microsoft Office Programs for getting some reports from the ERP program in excel format and some forms in word format / Make Bill of Materials by using and ERP Software
- Preparing process, data entry and editing, arrange orders / Planning Department
- Study and employee satisfaction, find error & solution, sample check / Quality Department
- Keep in touch with the customer by e-mail, prepare reports for client meetings / Sales and Marketing Department

### Thesis Work

Silivri/Ören Kablo A.Ş.

*Achievements/Tasks*

- By doing ergonomics studies (OWAS,NIOSH) we presented the equipment to the company that would enable the operator to work more efficiently / To increase performance efficiency
- By FMEA study, we identified risky errors in the company and presented the solution suggestions for the errors to the company / To identify and prevent risks

### Import & Export Operations Responsible

Maslak / Kaplan A.Ş.

*Achievements/Tasks*

- Dealing with Goods Receiving, Stock (Inventory Management) and Receipt (Dispatch) and all related sub-plans and plans

### Production Planning Engineer

Arnavutköy / Bioaktif Tıbbi Ürünler ve Teknik  
Tekstil San. Tic. Ltd. Şti.

*Achievements/Tasks*

- Analyzing demand forecasts, sales orders, production capacity utilization rates and production plans.
- Collaborating among cross-functional teams such as sales, operations, and quality assurance to align production plans with business objectives.

## SKILLS

Logo Tiger

ETA

MS Excel

MS PowerPoint

MS Word

MS Power BI

Arena

R Software

Matlab

SQL

## PERSONAL PROJECTS

### Parking Area Simulation Project (01/2020 - 05/2020)

- Made scenarios in Arena by reducing capacity resource for reaching optimal capacity.

### Production Planning and Control in Hawersan Kablo (01/2020 - 05/2020)

- Forecasting, product planning, and inventory planning in Hawersan Company.

### Facilities Design and Planning (01/2020 - 05/2020)

- Modeling given problem as a QAP and solved it using Excel.
- Solving the location of the given company problem and find the best location to move by using three different methods (Median Method, Gravity Method, Weiszfeld Method).
- Bill of materials(BOM) and calculations.

## CERTIFICATES

Boğaziçi Sanat Akademisi Advanced Success  
(09/2015 - 06/2016)

## LANGUAGES

Farsi

*Native or Bilingual Proficiency*

Turkish

*Native or Bilingual Proficiency*

English

*Full Professional Proficiency*

## INTERESTS

Playing piano

Playing tennis

Doing pilates

Listening classical music

Watching Movies