

## **Tutku ALTAY**

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### **Background**

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#### **Hacettepe University – Industrial Engineer Student**

Tutku is an industrial engineer candidate, studying at Hacettepe University. This is her third year at university. Tutku made summer internship in production planning department of ANKASAN for a month. She experienced working with an engineering team, planning the whole facility for efficiency and improved communication skills by working side by side with all the stakeholders in the company. Tutku is also interested in customer segmentation and analysis, engineering economy, finance and data mining and she would like to broaden her skills and build up her career in these areas. Tutku considers herself as a responsible, solution oriented and hardworking person.

### **Professional Experience**

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#### **ANKASAN Casting & Machining- Production Planning**

**Intern, Production Planning, July 2024**

- Used several software, i.e. Microsoft Excel and “bilişimERP”, for operations research knowledge in order to plan production, packaging, shipment, working hours of workers and machine-worker matching efficiently.”
- Worked together with method, ERP and production engineers and workers, to experience the team work in order to plan the facility and lay out and arrange the storage are in the most optimal way.
- Collaborated with method engineers, ERP specialists, production engineers, and factory workers to foster a collaborative environment, ensuring effective teamwork in facility planning and layout design.
- Conducted detailed facility planning and layout design, focusing on maximizing efficiency and optimizing storage areas to streamline operations.
- Participated in cross-functional team meetings with directors to discuss and resolve production and planning issues, contributing to strategic decision-making processes.

#### **Project Experience- Attendance to TEKNOFEST**

Helped the design team for the production of an optimal helicopter tailored for the African region by conducting market research, identifying constraints and utilising linear regression for informed decision-making in order to analyse the optimal price, performance, speed, and features, incorporating with past accident data.

#### **Delegate Career in European Youth Parliament (EYP) Conferences**

Team work to find solution for a given case during a restricted time and develop,express and discuss opinions on current topics.

Gain skills, knowledge, and confidence to have an impact on society in forums and confrences.

### **Education**

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#### **Hacettepe University Faculty of Engineering, Ankara, Turkey**

Industrial Engineer, Expected graduation in Jun25

GPA: 2.9

#### **METU DEVELOPMENT FOUNDATION HIGH SCHOOL, Ankara, Turkey**

Scholarship student for 5 years, 2015-2020

English prep class for 1 year

Grade: 90.73/100

PEARSON IGCSE – ENGLISH LANGUAGE

GRADE-5

### **Skills & Interests**

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- **Languages:** Turkish (native), English (upper-intermediate), German(beginner)
- **Computer Skills:** Extensive user of Office programs and Moderate knowledge of AutoCad, Python,Minitab
- Yoga-A1 grade for university course at Hacettepe University Ankara State Conservatory
- Chess- professional career. Team captain in tournaments.
- Polyphonic Choir

