



# YİĞİT İLK

Computer Engineering Student

*Personally love new technologies and hardware.*

*I try to improve my skills with mixing programming into it and overlooking projects as a whole*

## CONTACT INFO

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 Heilbronn Deutschland / Germany

 [Github](#)

 [LinkedIn](#)

 [Instagram](#)

 [This CV](#)

## HOBBIES AND INTERESTS

### 3D PRINTERS

Has built his own 3D printer and tinkered with 3D models.

### COMPUTERS

Has tinkered with Single Board Computers (Raspberry pi, Orange pi), building Desktop PCS and self hosting DNS filter and websites using nginx and apache

### QUADCOPTERS/DRONES

Has built multiple quadcopters with FPV real-time video transmission systems from scratch.

**A generic view to all old projects can be found in the instagram + Github account**

## EDUCATION

### TECHNICAL UNIVERSITY MUNICH

Bachelors in Information Engineering,

Technische Universität München,

5th semester student [10-Ongoing/2022-2025]

## LANGUAGE

Advanced (C1) English

Basic (A2) German

Native Turkish

## HONOURS AND AWARDS

DeutschlandStipendium [10-10/2023-2024]

TUM X Infineon Technologies

Check24 Innovative GUI award [24.11/2024]

at HackaTUM2024, created a car rental GUI

## EXPERIENCE

### TUTORING

Tutored for the lecture “Duckietown” and Cyberphysical Systems in TUM where student create their autonomous cars. [10-Ongoing/2023]

### SOFTWARE

Working as a Research Assistant for research workflows with graph databases [10-Ongoing/2024-2025]

Working as a Hiwi for helping develop “TUM Beer Game” VR&PHP game[4-Ongoing/2023]

Worked as a Hiwi for the Artemis project in TUM: Interactive Learning [1-10/2023]

Did an Internship at Şa-Ra Enerji using C# in ERP automation systems [7-9/2022]



## ➤ SOCIAL SKILLS

### **PART OF STUDENT COUNCIL IN TUM CAMPUS HEILBRONN**

Working in the Student Council for Technische Universität München Campus Heilbronn to try improving student lives in new campus. [12-Ongoing/2022]

### **PARTICIPATED TUM X MICROSOFT HACKATHON**

Participated in a Hackathon done in between TUM School of Management and Microsoft at München Microsoft HQ for creating an AI to help student questions and lowering the dependency on student services email. [12/2023]

### **PARTICIPATED AUDI KREATHON/HACKATHON AT AUDI SPORTS NECKARSÜLM**

Helped with factory automation through a database and excel using C# for Windows UI in A Hackathon. Received 3rd place for Most innovative Project determined by viewers.[10-2023]

### **HOSTED NESIBE AYDIN 19TH OF MAY MATHEMATICS CONTEST**

Participated the contest as a host [18.05/2021]

### **PARTICIPATED NAMUN (MODEL UNITED NATIONS)**

Participated Nesibe Aydın MUN as an IT and Logistics member [11-12/2019]

### **PARTICIPATED HACKATUM/HACKATHON AT GARCHING BEI MÜNCHEN**

Participated HackaTUM with the challenge of Check24 and won the award for innovative GUI design. [22.11-24.11/2024]

## ➤ PUBLICATIONS 📄 FOR IB HIGH SCHOOL EDUCATION [2021]

### **INVESTIGATION OF VISUAL TRACKING WITH MONO IMAGING ON VIRTUAL REALITY HEADSETS**

### **INVESTIGATING THE IMPACT OF DIFFERENT POWER OUTPUT LEVELS ON THE EFFICIENCY OF MOBILE PHONE CHARGERS**

### **INVESTIGATING THE CAPACITANCE TO VOLUME RATIO OF CAPACITORS FOR THE USE CASE OF A DRONE**

### **INVESTIGATING THE CO-ORDINATION OF A CHOSEN COMPLEX STRUCTURE WITH SPECTROPHOTOMETRY**