



Personally love new technologies and hardware.

I try to improve my skills with mixing programming into it and participating in all steps of any project I enjoy

CONTACT INFO

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📍 Heilbronn Deutschland / Germany

🐙 [Github](#)

🌐 [LinkedIn](#)

📷 [Instagram](#)

🌐 [This CV](#)

➤ HOBBIES AND INTERESTS

COMPUTERS

Tinkers with Single Board Computers (Raspberry pi, Orange pi), builds Desktop PCS, runs self configured networking with Mikrotik, and self hosts DNS filters, websites, applications.

QUADCOPTERS/DRONES

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

3D PRINTERS

Has built his own 3D printer.

YİĞİT İLK

Computer Engineering Student

➤ EDUCATION

TECHNICAL UNIVERSITY MUNICH



Bachelors in Information Engineering,
6th semester student [10-Ongoing/2022-2025]

➤ LANGUAGE PROFICIENCY

- 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

BACHELORS THESIS

Writing Thesis with Infineon Technologies on parsing and processing flash memory specifications and testbenching.[4-7/2025]

TUTORING

Tutored for Cyberphysical Systems in TUM.
[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/2023-2025]

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]

A GENERIC VIEW TO ALL OLD PROJECTS CAN BE FOUND IN THE INSTAGRAM + GITHUB ACCOUNT

➤ SOCIAL SKILLS

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]

PART OF STUDENT COUNCIL IN TUM CAMPUS HEILBRONN

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

PARTICIPATED TUM X MICROSOFT HACKATHON

Participated in a Hackathon done in between TUM School of Management and Microsoft at Munich 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]

➤ PUBLICATIONS 📄 IN BSC EDUCATION [2022-2025]

REINFORCEMENT LEARNING WITH CHECKERS

VERILOG COURSE

CYBERPHYSICAL SYSTEMS COURSE

ETHICS FOR NERDS COURSE



➤ 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