CV

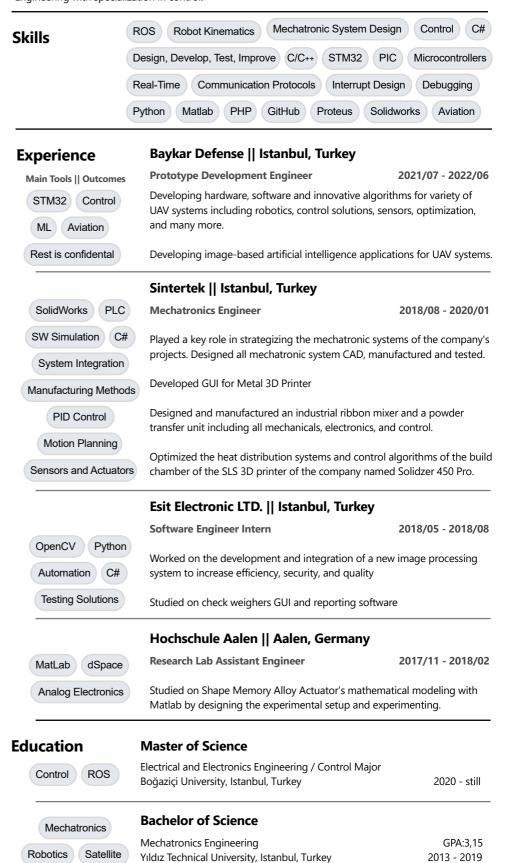


- Tokyo, Japan
- ☑ abdulsameterkek@gmail.com
- abdulsameterkek.com

Robotics Engineer

Abdul Samet Erkek

Results-driven and motivated mechatronics engineer with in-depth knowledge of both mechanic, electronic, and computer engineering. Highly-condensed 3 years of expertise working with mechatronic system development, robotics, software development, and artificial intelligence in companies such as Baykar (Bayraktar). Currently doing master's at Boğaziçi University in Electrical and Electronics Engineering with specialization in control.



Erasmus+ Student Exchange

International Teamwork

Mechatronics Engineering Hochschule Aalen, Aalen, Germany For details of competitions and personal projects, please check http://abdulsameterkek.com/

Languages

Turkish (Native) English (Fluent)

Japanese (Beginner) (going to start Japanese Language School at July 2022)

German (Beginner)

Achievements

Competitions

CANSAT 2017- Solar Powered Glider

Sponsored by NASA, American Astronautical Society, Siemens, and more World 5th in Report and Design World 8th in Overall Space Missions Texas, USA

TURKSAT Model Satellite Competititon 2017

1st Place Istanbul, Turkey

Conference and Publication

2017 8th International Conference on Recent Advances in Space Technologies (RAST 2017)

"Design of solar-powered subscale glider for CanSat competition" 2017 8th International Conference on Recent Advances in Space Technologies (RAST), Istanbul, 2017, pp. 453-457.

Volunteering

Co-founder of Space and Avionic Systems Club, Yildiz Technical University, Istanbul, Turkey

Instructor at UASK at SolidWorks, Arduino, Robotic Control seminars

Certifications

2019/3 - IELTS Certificate, 6.5

2020/3 - Certificate of Participation to Advanced Entrepreneurship 2021/3 - Certificate of Completion of Applied ROS Training

Personal Projects

mytwinmind.com - Al-supported Social Media Platform

12 DOF Cat-like Quadruped Robot Autonomus Drone with Image Processing

FDM 3D Printer

Multifunctional 5-axis CNC Router

and more...

Self-PR

My strongest point is that I have deep knowledge and condensed experience in the fields of both mechanics, electronics, and software, which are the three disciplines on which mechatronics is based on. In this way, I can strategize and understand how to integrate the mechanic, electronic, and software sub-systems of a project efficiently with respect to system requirements. I am also capable of developing new trending topics such as AI. I believe that I am able to satisfy your expectations in your company, and my experience in parallel areas and being a mechatronics engineer will be advantageous.

References

Asst. Prof. Dr. Cüneyt Yılmaz Department Vice President of Mechatronical Engineering

Tolgahan Akbulut

Lead of Artificial Intelligence Team at Baykar Defense

Contact information will be given upon request.