

Eyup Kağan ŞAHİN



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Huzur Mah. 1112. Sk. 89/7
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Third-year student of Mechanical Engineering at Middle East Technical University, is proficient in English. During high school education, participated in TUBITAK National Physics Olympiads. Throughout university life, has developed skills in 2D and 3D modeling. Also participated in many national and international technology competitions and has been a licensed amateur radio operator since 2019.

Education:

- [METU](#), Mechanical Engineering (2020 - 2025)
[ME117](#): Computer Aided Engineering Drawing
[BA401](#): Fundamentals of Entrepreneurship
- [Bursa TOFAŞ Science High School](#) (2016 - 2020)
3D Modelling, Basics of Electronics, Embedded Systems

Work Experiences:

- [Bursagaz](#) Summer Internship (2024): He worked in the Interior Installation unit at Bursagaz, one of [SOCAR's](#) subsidiaries. Competencies: ZetaCAD, SCADA
- Samsun Yurt Savunma Manufacturing Intern (2023): Internship in machining at [CanikArms](#) Firearms Factory, producing TP series pistols, and machine guns.
- [SeremGarden](#): Sales Consulting (2018).

Patents and Trademarks (Türk Patent Enstitüsü):

- IsaretDiliPlatformu: Trademark ID: 2020/130271
- Tarım Dostu Güneş Paneli: Design ID: 2018-Ge-322544
- Tarım Dostu Güneş Paneli Montaj Aparatı: Patent ID: 2019/03340

Languages:

- Turkish (native)
- English (B2+)
- French (A2)

Soft Skills:

- Leadership
- Public Speaking
- Team Player

Computer Skills:

- MS Office
- Python
- Arduino/ C++
- Siemens NX
- Adobe Fusion 360
- MATLAB

Student Clubs and Volunteering:

[PVCON24](#): Membership of the Local Organizing Committee: International congress organized on the development of photovoltaic technology in the academic and sectoral community and new technologies. Click [here](#) for the congress booklet.

[IEEE](#): Student Member (2021 -): Global member ID # 98581345

[IEEE Türkiye Chapter](#): Power and Energy Society Student Representative of Central Anatolia (2023 -)

[METU IEEE Student Branch](#):

- Executive Board Member of Technical Subunits (2023 -)
Responsible for PES, RAS, CS, and ComSoc Technical Subunits
Coordinator of [100th Anniversary of the Republic of Türkiye Gala Ball](#)
Patron of the [9th Power and Energy Congress](#)
- Board Member: Chairman of Power and Energy Technical Subunit (2022 - 2023)
8th Power and Energy Congress Coordinator
Webinar Moderator: Additive Manufacturing Processes 101
Webinar Moderator: Overview of Electric Power Generation and Management
- Mentor: Power and Energy Technical Subunit (2021 - 2022)
Mentor of SensEnergy Project
7th Power and Energy Congress Coordinator
- Active Member (2020 - 2021)
Webinar Moderation on Various Topics

Projects and Awards:

Agricultural-Friendly Solar Panel Mounting System (2017 -)

One of the first AGRO-PV projects in Türkiye. It has been registered with the Turkish Patent Institute. It won first place at the [International Science Olympiads](#) (2018).

[Installed Solar Power Plant Atlas of Türkiye](#) (2023 -)

A social responsibility project aimed at mapping the installed solar power plants in Türkiye.

[What is Coffee](#) (2023 -)

An initiative established with the aim of promoting Turkish coffee to the whole world.

SensEnergy (2021 -)

A real-time energy monitoring system. It is a system developed to measure, classify, visualize and reduce electricity consumption in real time in residential areas.

[PES High Performing Chapter](#) (2022)

An award given once a year to the best IEEE PES student chapters in the world.

[International Certificate of Particle Physics Masterclasses](#) (2018)