

# Taha Rıdvan Öztürk

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[GitHub](#) | [LinkedIn](#)

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## EDUCATION

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- **Kocaeli University** | B.Sc. in Information Systems Engineering Kocaeli, Turkey | **09.2022 – Present**
- **Kocaeli University** | B.Sc. in Mechatronics Engineering (Incomplete) Kocaeli, Turkey | **09.2019 – 06.2022**

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## EXPERIENCE

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**Dan D’Agostino Hi-Fi Sound Systems** Zonguldak, Turkey |

- Electronics PCB assembly for amplifiers.

**Garanti Endüstriyel** Kocaeli, Turkey |

- ESP32 based sensor PCB assembly for future error prediction project.
- ESP32 programming.
- Hardware design for main board.

**FHT Yazılım Bilişim** Kocaeli, Turkey |

- KNX Protocol voice control using Python

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## PROJECTS & VOLUNTEERING ACTIVITIES

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**IEEE KOU TECHNIC** | Team Captain Kocaeli, Turkey | **08.2022 – Present**

- A multidisciplinary team of 17 people has been managed.
- Created an Autonomous UAV project for Teknofest 2023 and METU VTOL 2022 Competition.
- Currently working on general avionics, Autonomous flying algorithms, Object detection and tracking.

**IEEE KOU AESS** | Committee Social Media Responsible Kocaeli, Turkey | **05.2021 – 05.2022**

- Interviews, webinars, and workshops were held with people working in the aerospace, defense, and robotics industries.
- The "Defense Summit", the first Kocaeli University event on defense industry technologies, was created and organized.
- Skills such as presentation, oratory and leadership have been developed (more than 500 committee members).

**IEEE KOU Student Branch** | Active Member Kocaeli, Turkey | **09.2019 – Present**

- Actively participate in events at the IEEE KOU Student branch.

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## SKILLS & ABILITIES

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- Solidworks
- AutoCAD
- MATLAB
- C#
- C++
- Python

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## LANGUAGES & HOBBIES

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- Turkish, Native Language
- English, Upper-Intermediate
- German, Beginner
- Traveling
- Dining
- Motor sports
- Group activities.

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## CERTIFICATIONS

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### Softito Yazılım Bilişim Akademisi ( Istanbul Ticaret Odası) Embedded Systems Developer

Istanbul, Turkey |

- 320 Hours total education with subjects covered such as:
- Embedded systems software development.
- Object oriented programming
- Linux operating system architecture
- Python programming language
- Raspberry Pi hardware specifications
- ESP8266, ESP32
- Communication protocols
- PCB design
- ThingsBoard
- Embedded system design
- Electronic circuit design
- PCB design