

PERSONAL INFO	Egehan CEYLAN	
	<b>Address:</b> Çekmeköy, Istanbul/TURKEY <b>Website:</b> <a href="http://egehanceylan.com">egehanceylan.com</a> <b>Birth Date:</b> 13/12/2003	<b>Mobile:</b> +90 546 951 70 24 <b>E-mail:</b> <a href="mailto:egehan.ceylan@ieee.org">egehan.ceylan@ieee.org</a> <b>Driver's License:</b> B
OBJECTIVE	I aim to build a career in the energy sector, focusing on the integration of digital solutions and technologies in power generation, transmission, and distribution. I want to leverage skills to support innovations in smart grid systems, automation, and energy efficiency.	
EXPERIENCE	<b>IEEE OzU Student Branch Power &amp; Energy Society</b> - Istanbul, TURKEY (07/2024-Present) <b>Position:</b> Chairman <ul style="list-style-type: none"> <li>Directed and supported 10+ activities within the society, overseeing events, technical workshops, and seminars to promote career development and power &amp; energy systems knowledge.</li> <li>Established collaborations with IEEE Turkey Section, industry professionals, and OzU faculty, resulting in networking opportunities and collaborative projects, facilitating student involvement.</li> <li>Implemented educational events for MATLAB, Analog &amp; Digital Electronics, and Canva, hosted guest lecturers, while engaging and motivating society members through communication and mentorship.</li> </ul>	
	<b>OzU CanSat Team</b> - Istanbul, TURKEY (10/2023-9/2024) <b>Position:</b> EE Sub-Team Member, Electrical & Electronics Engineer <ul style="list-style-type: none"> <li>Designed and implemented PCB layouts in Altium Designer for power distribution and telemetry subsystem and conducted functional testing with LTspice, oscilloscope, and multimeter for system functionality and reliability.</li> <li>Integrated environmental sensors (BMP585, BNO086, MS5525) via I2C protocol, enabled real-time data collection for altitude, orientation, and pressure readings.</li> <li>Collaborated with mechanical and software engineers in our team to integrate the electrical systems and develop integrated systems.</li> </ul>	
SKILLS & CERTIFICATES	<b>BYBIKE</b> - Istanbul, TURKEY (02/2023-11/2023) <b>Position:</b> Intern, R&D Electric & Electronics Engineer <ul style="list-style-type: none"> <li>Repaired and validated low-voltage electronic modules, utilizing lab equipment to ensure proper voltage regulation, signal integrity, and functionality.</li> <li>Assembled and tested custom lithium-ion battery packs with BMS systems using 18650 cells and spot welding tool.</li> <li>Contributed to development of IoT-based e-bike systems using ESP32.</li> </ul>	
	<b>COMPUTER SKILLS</b> <ul style="list-style-type: none"> <li><b>Programming Languages:</b> Python, C/C++, HTML/CSS, VBA, Solidity</li> <li><b>Design &amp; Simulation:</b> Autodesk Eagle, Altium, Fusion 360, LTspice, MATLAB, PowerWorld, Proteus</li> <li><b>Other:</b> Excel, Windows Server &amp; System Management</li> </ul>	<b>LANGUAGE SKILLS</b> <ul style="list-style-type: none"> <li>Turkish, Native</li> <li>English, Advanced</li> <li>Spanish, Elementary</li> </ul>
EDUCATION	<b>CERTIFICATES</b> <ul style="list-style-type: none"> <li>MAKERobot Certificate Program, Ozyegin University OPENFAB (2023-2024)</li> <li>Blockchain Specialization, University at Buffalo &amp; The State University of New York (2023)</li> <li>1<sup>st</sup> Place Certification, CryptomathTR Nationwide Cryptography Competition (2019-2020)</li> </ul>	
	<b>ÖZYEGİN UNIVERSITY</b> - Istanbul, TURKEY (09/2022-Present) <b>Faculty of Engineering</b> - Department of Electrical & Electronics Engineering <b>Minor: Faculty of Business Administration</b> - Department of International Finance <b>Year:</b> 3 <sup>rd</sup> <b>Honors:</b> 100% Scholarship, Honor Student <b>Cumulative GPA:</b> 3.12 / 4.00	
EXTRA-CURRICULAR	<ul style="list-style-type: none"> <li>Treasurer &amp; Member, OzU Martial Arts Club (2022-Present)</li> <li>Member, IEEE (2024-Present)</li> <li>Volunteer, OzU Outdoor Club Maceranın Ötesinde (2024 &amp; 2025)</li> </ul>	