

# SIMGE TEMEL

+90 505 996 62 26 | [uftsimg@gmail.com](mailto:uftsimg@gmail.com) | [linkedin.com/in/simge-temel](https://linkedin.com/in/simge-temel)  
[github.com/uftsimg](https://github.com/uftsimg) | [uftsimg.github.io](https://uftsimg.github.io) | TryHackMe: [/uftsimg](#)

## PROFILE

Mathematical Engineering student specializing in **Cybersecurity (Blue Team)** and **Network Defense**. Experienced in corporate IT infrastructure, vulnerability assessment, and secure software development. Leveraging a background in simulation optimization and cross-platform development (C#/Dart) to approach security challenges with an engineering mindset.

## EDUCATION

|                                                                                                          |                                                  |
|----------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| <b>Yildiz Technical University</b><br><i>Bachelor of Science in Mathematical Engineering (4th Year)</i>  | Istanbul, Turkey<br><i>Sep. 2023 – Present</i>   |
| <b>Yildiz Technical University</b><br><i>Bachelor of Science in Mechanical Engineering (Transferred)</i> | Istanbul, Turkey<br><i>Sep. 2022 – Sep. 2023</i> |

## EXPERIENCE

|                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| <b>Federal Mogul Powertrain</b><br><i>IT Intern (Network &amp; Security Focus)</i>                                                                                                                                                                                                                                                                                                                    | Kocaeli, Turkey<br><i>June 2025 – July 2025</i>  |
| <ul style="list-style-type: none"><li>Gained a fundamental understanding of corporate network protection and infrastructure security.</li><li><b>Developed SAP modules</b> using ABAP (ALV, SE16N) to enhance the security and efficiency of internal data handling.</li><li>Provided Level 2 IT support, resolving hardware/software issues adhering strictly to data privacy regulations.</li></ul> |                                                  |
| <b>Last Minute Studios (Startup Project)</b><br><i>Technical Artist</i>                                                                                                                                                                                                                                                                                                                               | Istanbul, Turkey<br><i>April 2024 – May 2025</i> |
| <ul style="list-style-type: none"><li>Spearheaded technical pipeline for 'Mystopia', optimizing 200+ assets for low-end hardware (60,000+ active users).</li></ul>                                                                                                                                                                                                                                    |                                                  |

## TECHNICAL PROJECTS

|                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| <b>Frankenstein (Cross-Platform Security Suite)</b>   C#, Dart, Networking                                                                                                                                                                                                                                                                                                                                                           | Jan 2026 |
| <ul style="list-style-type: none"><li>Developed a comprehensive security ecosystem using <b>C#</b> (Windows) and <b>Dart</b> (Mobile) for real-time network monitoring.</li><li>Implemented <b>Honeypot modules</b> to detect unauthorized network intrusions and track active connected devices.</li><li>Established secure socket communication to sync telemetry data (hardware status, battery) between mobile and PC.</li></ul> |          |
| <b>Deep Learning Framework (NumPy)</b>   Python, Math, AI                                                                                                                                                                                                                                                                                                                                                                            | Dec 2025 |
| <ul style="list-style-type: none"><li>Engineered a neural network from scratch using Python/NumPy, avoiding high-level libraries to prove AI math mastery.</li><li>Implemented <b>Gradient Descent</b> and <b>Backpropagation</b> manually, optimizing logic for computational efficiency.</li></ul>                                                                                                                                 |          |

## ORGANIZATIONS

|                                                                                                                                                                                                                                                                                                                           |                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| <b>YTU SKYLAB</b>   Cyber Security Team (SKYSEC)<br><i>SKYSEC Member</i>                                                                                                                                                                                                                                                  | Istanbul, Turkey<br><i>May 2024 – Sep 2024</i>   |
| <ul style="list-style-type: none"><li>Participated in defensive bootcamps: <b>Binary Exploitation</b>, <b>Network Forensics</b>, and <b>Reverse Engineering</b> (Ghidra, GDB).</li><li>Ranked in <b>Top 2%</b> on TryHackMe by completing <b>150+ Rooms</b> covering Web Exploitation and Privilege Escalation.</li></ul> |                                                  |
| <b>YTU DOGDOK</b>   Game Development & E-Sports Club<br><i>Board Member</i>                                                                                                                                                                                                                                               | Istanbul, Turkey<br><i>June 2023 – June 2024</i> |
| <ul style="list-style-type: none"><li>Organized industry events (e.g., Digital Gaming Days), managed social media, and delivered technical workshops (Blender) in coordination with engineering teams.</li></ul>                                                                                                          |                                                  |

## TECHNICAL SKILLS

**Languages:** C, C#, Python (NumPy/Pandas), Dart (Flutter), ABAP, SQL  
**Operating Systems:** Windows (Advanced), Linux (Intermediate – Kali, Ubuntu/Debian)  
**Cybersecurity:** Nmap, Burp Suite, Wireshark, Ghidra, GDB, Log Analysis, Honeypot Configuration  
**Engineering Tools:** Unity 3D, Unreal Engine, Blender, Git/GitHub, Agile/Scrum, Product Lifecycle Management  
**ERP Applications:** SAP ERP (MM module, SE16N, ALV), Asana, Notion