Semih Zenginoğlu

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About

I am currently a fourth-year student at Çukurova University, specializing in software development, web application design and development, network design, network security, and network management. I am committed to applying the knowledge and experience I have gained in these fields to my professional career while continuously striving to enhance my skills. I place great importance on identifying and improving areas where I may be lacking, and I approach problem-solving with a strong sense of practical intelligence. I am a responsible, motivated, and team-oriented individual with a strong willingness to learn and grow within a professional environment.

Education

Çukurova University, Computer Engineering

2020 – 2025

Technical Skills

- **Programming Languages:** C, HTML, CSS, Bootstrap Javascript ,SQL, NodeJs, PHP

- **Tools & Technologies:** Cisco Packet Tracer , GNS3 ,Wireshark, VLAN configuration, Site-to-site VPN Setup, Routing & Switching , Git, GitHub

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Areas of Interest

Software Development, Web Development, Cyber Security, Network Design, Network Managment

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Languages

- English B2

Projects & Experience

1)Campus Network Design
 Designed a campus network using VLANs, routing, and basic security on Cisco Packet Tracer.

2)Router-on-a-Stick Setup
 Implemented inter-VLAN routing using a single router interface with sub-interfaces.

3) Static Routing
 Configured manual routes between different subnets in a simulated network environment.

4) VLAN Configuration
 Created and managed multiple VLANs to ensure secure and segmented traffic flow.

5) Subnetting Practice
 Divided a network into efficient subnets with proper IP addressing.

6) DHCP Server Setup
 Configured DHCP to automatically assign IPs in a local network.

7) Data Mining Project
 Applied basic data mining techniques using Python for data analysis.

8) Personal Website
 Built a responsive portfolio site using HTML, CSS, and JavaScript.

9)Autonom Robot Project
In this project, we used the ROS and Gazebo simulation environments to enable the TurtleBot-3 robot to move autonomously in an unknown environment.