

## Semih Zenginoğlu

Phone: +90 551 118 3512

E-mail: semihzenqin@gmail.com

LinkedIn: [linkedin.com/in/semih-zenginoğlu](https://www.linkedin.com/in/semih-zenginoğlu)

GitHub: [github.com/semihzen](https://github.com/semihzen)

Seyhan/Adana



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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.

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## Education

**Çukurova University, Computer Engineering**

2020 – 2025

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## 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
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## **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.

### **10) E-commerce Web Site**

I developed an e-commerce website for sports equipment. While developing this site, I used HTML, CSS, JavaScript, Node.js (Express), and SQL.

### **11) Vehicle Track System**

I created a vehicle tracking website for this project. On this site, we will display the profile owner's names, their vehicle information, and the vehicle's location. The site is dynamic and stores newly entered information in a database. We can edit, delete, or add new information to the data in this database.