



# FURKAN CETIN

COMPUTER ENGINEERING STUDENT

## CONTACT

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## SKILLS

### Programming Languages:

Python, C#, C/C++, JavaScript (JS), Assembly-8085/86

### Web Development:

HTML, CSS+Tailwind(CSS), JavaScript, React.js, Redux, Node.js, Express.js, WebSocket

### Web Security:

JWT (JSON Web Token), OAuth and OpenID

### Database Management:

SQL (MySQL, MSSQL, PostgreSQL, SQLite), NoSQL (MongoDB)

### Software Development Tools:

Git, Docker

### Software Architecture and Design:

Microservices Architecture, RESTful API, Soap API

DevOps and Continuous

### Integration/Deployment (CI/CD):

Jenkins, GitLab CI

### Test Automation:

Selenium, Gesture

### Other Tools:

Visual Studio Code (VSCode)

Postman and Swagger

Unity, QT

### Project Management and Methodologies:

Scrum, Agile Software Development, Jira and Agile Board, Trello and Kanban

### Computer Networks and Security:

TCP/IP Protocols

OSI model and layered network structures.

SDN (Software-Defined Networking)

SDN Controllers

Development of SDN applications.

Network Virtualization - Virtual networking concepts such as VLANs and VXLAN.

Cloud Networking - Network management on cloud platforms such as AWS and Azure.

Network Management Tools - Wireshark and Packet Analysis

## LANGUAGES

English

German

Turkish

## ABOUT

Hello, I am Furkan Cetin, if I have to tell you briefly about myself, as a computer engineering student, I have carried out studies in various fields in order to expand my knowledge and experience. In the first two years of my education, I carried out in-depth studies on SDN (Software Defined Networking) and traditional networking in the field of networking. During this process, I gained experience in the design, management and current problems of network systems by taking an active role in different projects. I also closely examined game development processes and increased my skills in this field. I strengthened my skills in software engineering by taking part in desktop and business application development projects. Currently, the areas I focus on include web technologies and artificial intelligence. I follow innovations in web technologies and apply them in projects. At the same time, I am increasing my knowledge and skills in the field of artificial intelligence, such as deep learning, data mining and natural language processing. I want to take part in new projects and go further, being open to learning and developing in the rapidly changing world of technology. I would like to come together with you, valuable professionals, share my experience and knowledge and work together.

## EDUCATION

### Aydin Adnan Menderes University

Computer Engineering 2021-2022

GPA - 3.59/4

- I completed the first year of my education here and then transferred to Eskişehir Osmangazi University through horizontal transfer between institutions.

### Eskişehir Osmangazi University

Computer Engineering 2022-2025

GPA - 3.61/4

- In my second year of university, I participated in the volunteer assistant program and completed the Load balancing in Software-Defined Networking (SDN) project with my lecturer.
- I am currently in my third year of education and my estimated graduation date is June 2025.

## WORK EXPERIENCE

### Summer Intern

#### Gebze Organized Industrial Zone

07/2023 - 08/2023

- During the summer internship I spent at Kule Data Center in Gebze Organized Industrial Zone, I gained important experience in software development and data center management. During this process, I learned the complexities of data center operations by understanding and studying opportunities to improve existing infrastructure. At the same time, I gained knowledge of special network structures and security protocols..
- During my internship, I developed a detailed understanding of business processes by taking part in real-world projects using industry-specific software tools. These experiences allowed me to strengthen my skills in software development and data center management and gain an important perspective on how to produce effective solutions in real-world applications.