

# Abdulkader Adnan

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## Summary

Motivated second-year Computer Science student at Misr International University with strong foundations in programming, data structures, and networking. Eager to apply technical and problem-solving skills in a real-world environment through a summer internship. Interested in backend development, AI, and network engineering.

## Education

**Misr International University | Cairo, EG**

**Computer Science | 07/2027**

**Bachelor of Science in Computer Science**

**GPA:** 3.66/4.00

## Technical Skills

C++, Java, JavaScript, HTML5, CSS, Node.js, MongoDB, Git, OOP, Network

## Work Experience

**Co-Assistant, Department of Computer Science**

*Misr International University — FALL 2024*

- Assisted faculty in Introduction to Computer Science & Programming to first-year students
- Reviewed and provided feedback on students' code and logic implementations

## Projects

- Full Stack Car Rental Website**

*Technologies:* HTML, CSS, JavaScript, Node.js, MongoDB

Developed a responsive web app for booking rentals with admin dashboard and database integration.

- Bus Ticket System**

*Technologies:* Java

Created a route-based ticket booking system with payment simulation and optimization for performance.

- Enterprise Network Simulation**

*Tools:* Cisco Packet Tracer, OSPF, EIGRP, NAT, VPN

Built a complete enterprise network with routing, VLANs, DHCP, NAT, and IPsec VPN.

- URL Shortener**

*Technologies:* C++

Implemented a hash map-based service for shortening URLs and efficient retrieval.

- AI Project – Dataset Classification**

*Tools:* Orange Data Mining

Used machine learning algorithms to classify and predict data outcomes visually.

- 8-Bit Subtractor**

*Technologies:* Digital Logic

Designed and simulated an 8-bit subtractor using Boolean algebra.

## Certificates

ICPC ACPC Kickoff Contest (April 2025)

## Extracurricular Activities

**University Programming Club**

- Regular participant in coding challenges and peer workshops