



# ELINA BAZZAZ ABKENAR

MASTER'S APPLICANT IN COMPUTER SCIENCE


THIRD-YEAR COMPUTER SCIENCE STUDENT, I AM APPLYING FOR A MASTER'S DEGREE TO DEEPEN MY KNOWLEDGE AND TAKE PART IN MORE AMBITIOUS PROJECTS. SERIOUS, MOTIVATED, AND INDEPENDENT, I AM FULLY COMMITTED TO EVERYTHING I DO, AND I ENJOY WORKING ON PRACTICAL PROJECTS THAT REQUIRE RIGOR AND CRITICAL THINKING.


## PORTFOLIO


 [HTTPS://ELINABAZZAZ.COM](https://elinabazzaz.com)

## CONTACT

 Avignon

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## SKILLS

- **Programming Languages** : C++, Python, Java, PHP, JavaScript
- **Databases** : PostgreSQL, MySQL
- **Systems** : Linux, Windows, VirtualBox
- **Networking** : TCP/IP, OSI Model, DHCP, DNS, VLAN, Routing & Switching
- **Security & Network Analysis** : Firewall, VPN, Wireshark, Packet Tracer
- **Tools** : Git, VS Code, Eclipse, RStudio

## CERTIFICATIONS

- Learning AI Through Visualization - Columbia (2025)
- Google Cybersecurity - Google (2025)
- CCNA 2 : Switching & Wireless - Cisco (2025)
- CCNA 1 : Introduction to Networks - Cisco (2023)
- Linux Fundamentals - LearnQuest (2023)
- Python Programming - IASTD (2023)
- Network Fundamentals - IASTD (2022)

## INTERESTS

- Reading, Writing
- Hiking
- Karate
- Baking
- Travel

## LANGUAGES

FRENCH ●●●●●

ENGLISH ●●●●●

PERSIAN ●●●●●●●

KOREAN ●●

## EDUCATION

- **2025-2026 BACHELOR'S DEGREE IN COMPUTER SCIENCE** - THIRD YEAR  
University of Avignon
- **2023-2025 BACHELOR'S DEGREE IN COMPUTER SCIENCE** - YEARS 1 & 2  
University of Avignon - DEUG diploma obtained
- **2019-2022 SCIENTIFIC BACCALAUREATE - MATHEMATICS AND PHYSICS**  
Hazrat Zahra High School

## EXPERIENCES

- **2026 FINAL-YEAR INTERNSHIP (UPCOMING)**  
*Défiez le Cube - Avignon - Juin 2026*  
Applying computer science skills through a supervised project.
- **2025 STORE TEAM MEMBER**  
*Auchan Mistral 7 - Permanent Contract - Avignon - Ongoing*  
Cash handling, shelf restocking, organization, and rigor.
- **2024-2025 MULTI-SKILLED TEAM MEMBER**  
*Quick - Permanent Contract - Avignon - 9 months*  
Cash register, customer service, teamwork, and pace management.
- **2022-2023 SOFTWARE DEVELOPMENT INTERN**  
*Tarahan Samaneh Pishrou Iranian - Tehran*  
Introduction to software development, participation in small technical tasks, and observation of teamwork in a professional environment.

## ACADEMIC PROJECTS

- **2026 NETWORK BOX DEVELOPMENT - LINUX / PHP / MYSQL**  
Configuration of network services (DNS, DHCP, Apache SSL, mail, NAT), parental control, and filtering.
- **2026 RING NETWORK (TOKEN RING) - SOCKETS / IPC (C)**  
Inter-process communication, token passing, and machines joining and leaving the ring.
- **2025 CARPOOLING WEB APPLICATION - YII (MVC) / POSTGRESQL**  
Development of a BlaBlaCar-style website: trip search, user accounts, bookings, and Ajax features.
- **2025 SYSTEM MONITORING - PYTHON / FLASK**  
Collection of metrics, historical storage, anomaly detection, email alerts, and visualization through a web interface.
- **2025 PASCAL COMPILER - ASSEMBLY / C++ / FLEX**  
Development of a compiler for a Pascal-like language with 64-bit assembly generation and lexical analysis.
- **2025 DYNAMIC WEBSITE - PHP / HTML / JS / POSTGRESQL**  
Development of an interactive website connected to a database.
- **2025 ROAD NETWORK ROUTING - GRAPHS / C++ / CSV**  
DFS/BFS pathfinding and shortest path calculation for route optimization.