

# ANDREI CRISTEA

Computer Science Student & Software Developer

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## PROFESSIONAL SUMMARY

Motivated Computer Science student with hands-on experience in backend development, QA testing, and teaching. Proven ability to engineer scalable solutions, collaborate cross-functionally, and mentor peers. Seeking software development opportunities to leverage strong technical foundations in full-stack development and systems programming.

## EDUCATION

### BSc Computer Science

*Expected 2027*

University of Bucharest — GPA: 8.61/10

### High School Diploma

*2024*

Colegiul Național "Spiru Haret", Bucharest — Baccalaureate: 9.76/10

## TECHNICAL SKILLS

**Programming:** C/C++, Python, JavaScript/TypeScript, HTML/CSS, Assembly (x86), SQL, Bash

**Tools & Frameworks:** Git, Docker, Node.js, Angular, Firebase, MongoDB, Linux, SupaBase, Next.js

**Testing & DevOps:** Postman, CI/CD, Jest, Debugging, Deployment Pipelines

**Fundamentals:** Data Structures, Algorithms, OOP, REST APIs, Systems Programming, Agile, SDLC

## PROFESSIONAL EXPERIENCE

### Teaching Assistant — University of Bucharest

*October 2025 – Present*

- Mentored 30+ first-year students in Computer Organization and Design; improved comprehension of assembly through hands-on guidance and collaborative problem-solving.

### QA Tester Intern — Code of Talent

*September – December 2025*

- Identified and documented 40+ product issues; collaborated with developers to implement fixes and enhance release quality by reducing post-release defects.

### Backend Developer Volunteer — Scout Society NGO

*October 2025 – Present*

- Architected scalable backend using Next.js and SupaBase for a youth volunteering platform; optimized database performance and supported growing user engagement.

### Lenovo Summer School

*June – August 2025*

- Hands-on experience in DevOps, full-stack development, and cybersecurity through enterprise-level workshops and practical team projects.

## PROJECTS

**QR Reader/Generator** — Custom QR generation and reading utility built from scratch without external libraries.

**2048 + Database** — Full-stack 2048 game with backend persistence to track top scores across sessions.

## AWARDS & LEADERSHIP

**Winner — Vibehack Hackathon 2025:** Spearheaded technical development in a 4-person team; architected a mobile app prototype that streamlined access to youth volunteering opportunities.

**Captain — Romanian National Basketball Team (High School, 2023):** Coordinated team strategy, managed player dynamics, and represented Romania in international competitions.

Languages: Romanian (Native) — English (Fluent)