

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)