



# PATRICIA BOROS

## COMPUTER SCIENCE STUDENT

### PERSONAL INFORMATION

I am a sociable, kind, and friendly person. In my interactions with others, I always prioritize respect and understanding. I enjoy working in a team, but I can also efficiently manage individual tasks. My eagerness to learn and curiosity have always driven me to push beyond my limits and explore new experiences.

### ACHIEVEMENTS

- High school graduation exam average: 9.86
- Overall high school GPA: 9.98

### LANGUAGES

- Romanian-native language
- English - C2 (Cambridge Advanced Exam CAE)
- German - B1/B2(currently improving)
- French-A1(currently learning)

### TECHNICAL ABILITIES

- HTML5, CSS3, JavaScript (ES6+)
- Tailwind CSS, Bootstrap, SASS
- ReactJs, NextJs, jQuery, Next Auth
- npm, RESTful APIs, Git, GitHub, gradle
- Responsive Web Design
- PostgreSQL, MSSql, Drizzle ORM, Google Firebase
- Gemini API
- C, C++ (including Qt)
- Java(including JavaFx), C#
- Python(includin numpy, matplotlib)
- Functional programming(Prolog, Lisp)
- Assembly language
- Object oriented programming
- Operating systems(Linux)
- Bash scripting
- Computer Systems Architecture
- Computational logic
- Data Structures and Algorithms
- Probabilities and Statistics
- Computer Networks

### CONTACT

- Phone number: +40 0771 513 098
- Email: boros.patri@gmail.com
- LinkedIn: Patricia-Ioana Boros
- Github: @bpxi

### PROFESSIONAL INFORMATION

- **Volunteer at Interact Club Oradea and at the Students Council (2020-2023)**
- **Volunteer at Google Developer Group UBB (2024-now)**

Although I don't have work experience, volunteering has helped me learn how to work in a team, relate to those around me, and take into account the advice they offer. It has made me aware that I always have something new to learn from others and to stay open to new knowledge.

### STUDIES

- **Babes Bolyai University, Faculty of Mathematics and Computer Science, Major in Computer Science**  
*Cluj-Napoca, Romania - 2023-2026*
- **National College "Emanuil Gojdu", High School, Science Track, Major in Mathematics and Computer Science**  
*Oradea, Romania - 2019-2023*

### PROJECTS

**My personal projects can be found on my Github account** (section Contact), but I will also name some of them.

- **C++ Project: Retail Management System with GUI using Qt**

The project was structured with a layered architecture to ensure separation of concerns, following Object-Oriented Programming (OOP) principles and adhering to SOLID design principles. This approach provided high maintainability, scalability, and flexibility.

- **Event Organizer System in Python**

It allows users to efficiently schedule, track, and manage various event logistics, from invitations to venue details, all through an intuitive and user-friendly interface.

- **Social Media Application (Java & JavaFX)**

Features include real-time messaging, friend requests, notifications, and profile pages. Implemented the Observer design pattern to handle real-time updates efficiently, ensuring dynamic UI changes without WebSockets. Focused on a responsive and user-friendly interface with a modern design.

- **AI Interview Mocker with NextJs, ReactJs, Drizzle ORM, Tailwind CSS, Gemini API**

It helps users practice their responses by speaking their answers aloud. The answers are converted to text and at the end of the session, the AI analyzes their answers and provides detailed feedback on clarity, structure, and relevance.

- **Personal Portfolio Website Developed in JavaScript**
- **Full Stack Pinterest Clone with NextJs, Next Auth, React, Tailwind CSS**
- **Full Stack Sports Events App with NextJs, Next Auth, React, Tailwind CSS**

### COURSES AND CERTIFICATIONS

- *W3Schools HTML Course*
- *W3Schools CSS Course*
- *W3Schools JavaScript Course*
- *W3Schools Sass Course*
- *W3Schools Bootstrap 4/5 Course*
- *W3Schools React Course*
- *W3Schools jQuery Course*
- *W3Schools PostgreSQL Course*
- *freeCodeCamp Responsive Web Design Course - 300 hours*
- *freeCodeCamp JavaScript Algorithms and Data Structures Course - 300 hours*
- *freeCodeCamp Front End Development Libraries Course - 300 hours*
- *freeCodeCamp Data Visualization Course*
- *freeCodeCamp Relational Database Course*
- *freeCodeCamp Back End Development and APIs Course*
- *High School IT Certificate - C++, C#, SQL*
- *IC3 Global Standard 5 Certificate*