



# Alexandra Stoica

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<https://github.com/alestoica>

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## SKILLS

### TECHNICAL SKILLS

- advanced: Python, Java, JavaFX, C++, C#, .NET Framework, C, Qt Designer in C++
- familiar: HTML, CSS, JavaScript, JQuery, React, PHP, SQL, Linux, Prolog, Clisp, AJAX, RESTful APIs
- good understanding of: data structures, algorithms, operating systems, and object-oriented programming

### SOFT SKILLS

- analytical and practical thinking
  - time management and learning skills
  - adaptability, communication and dependability
  - planning, problem-solving and organizational skills
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## PERSONAL PROJECTS

### WORDLE GAME CLONE • [https://github.com/alestoica/wordle\\_game\\_clone](https://github.com/alestoica/wordle_game_clone)

- created a word-guessing online game using multiple coding languages
- structuring the web page and its content using HTML and improving the visual aspect of the game by adding CSS
- worked on the game logic using JavaScript paired with the elements created in the previous steps
- using two different APIs (a random word generator and a 'dictionary' that verifies the existence of the given word) to improve the gamer's experience and to make the game more fun

### MOVIE RENTAL STORE • [https://github.com/alestoica/movie\\_rental\\_store](https://github.com/alestoica/movie_rental_store)

- implementing a C++ application with a layered architecture, highlighting OOP concepts with a focus on GUI development using Qt designer
- creating an interactive movie database that allows the user a various list of operations such as adding, deleting movies from their cart, filtering movies by title or year, undoing any operation, and so on

### TOY SOCIAL NETWORK • [https://github.com/alestoica/toy\\_social\\_network](https://github.com/alestoica/toy_social_network)

- using JavaFX for a visually appealing UI, ensuring secure user authentication with encrypted passwords, utilizing a PostgreSQL database for data storage
  - implementing a range of social features, including friend requests, message exchanges, and real-time friend management
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## EDUCATION

### UNIVERSITY | BABEŞ-BOLYAI UNIVERSITY, FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

2022 - CURRENT

B.S., Computer Science

Relevant courses

- Data Structures and Algorithms
- Object - Oriented Programming
- Operating Systems (Linux)
- Computer Systems Architecture (Assembly)
- Fundamentals of Programming and Advanced Programming Methods (Python and Java)
- Databases (SSMS, PostgreSQL, SQLite)
- Computer Networks

### HIGHSCHOOL | ANDREI ŞAGUNA NATIONAL COLLEGE

2018 - 2022

Mathematics and Computer Science profile