

Cristian Negrea

Str. George Baritiu nr.7, Alba Iulia, Alba, Romania
+40758182653 | negreacristi22@gmail.com

EDUCATION

West University of Timisoara, Timisoara, Romania
BSc (Hons) Computer Science

2021-Present

Relevant modules:

- Programming in C/C++, Python, JavaScript
- Data Structures and Algorithms
- Software Engineering
- Oriented Programming
- Computer Networks
- Design Patterns
- Blockchain Technology

Relevant projects:

- **Deterministic Multiple Search Finite Automaton:**

Developed a Python-based multiple search automaton for efficient pattern matching, significantly improving search algorithm efficiency.

- **Selective Detection:**

Created an image classification system using Python and a large flower image database (five types). Steps included data preprocessing, augmentation, neural network implementation, and model training/testing, achieving a 95.5% detection accuracy.

- **Quiz++:**

Developed a responsive web interface for quizzes using .NET and C# for the backend and HTML, CSS, JavaScript for the frontend. Led a team of three to ensure a functional and user-friendly application across devices.

WORK EXPERIENCE

FORVIA HELLA
Student Internship

Timișoara, România
2023

Tool development and optimization:

- Developed two unique software tools to improve internal processes, from design specification to feature implementation.
- Conducted comprehensive testing and debugging to ensure high software quality.
- Integrated new features seamlessly into the existing system.
- Provided guidance and support to team members for effective tool usage and troubleshooting.

LINKS

GitHub: [negreacristian \(Negrea Cristian\) \(github.com\)](https://github.com/negreacristian)

LinkedIn: <https://www.linkedin.com/in/cristian-negrea>