FÜLÖP PAUL

UNDERGRADUATE STUDENT

CONTACT

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🏠 Bistrița, Romania

in [LinkedIn Profile](#)

[GitHub Profile](#)

EDUCATION

- **High School Diploma** – CNLR Bistrița, 2020-2024

- **Bachelor's degree** – Faculty of Mathematics and Computer Science, Babeș-Bolyai University

CERTIFICATES

- **IT Competency Certificate** – 12th Grade, 2025

- **English Language Proficiency Certificate** – B2

LANGUAGE SKILLS

ENGLISH	B2
FRENCH	A2
ROMANIAN	Native

SOFT SKILLS

- ➤ Strong problem-solving abilities.
- ➤ Adaptable to new challenges and environments.
- ➤ Critical and analytical thinking.
- ➤ Effective communication skills.
- ➤ Team-oriented and collaborative mindset.
- ➤ Strong sense of discipline.
- ➤ Motivated in achieving my goals.

SELECTED PERSONAL PROJECTS

- **Simple Chess Game** (C# with .NET Framework) – Developed a chess game with polished UI and sound effects, inspired by Lichess. [GitHub↗](#)

- **Shortest Path Algorithm Visualizer** (C# with .NET Framework) – Developed an interactive tool to demonstrate Lee's shortest path algorithm, showcasing algorithm flow and step-by-step pathfinding. [GitHub↗](#)

- **Obstruction Game** (Python with pygame) – Developed a polished UI version of the Obstruction game featuring an AI that strategically blocks all player moves. [GitHub↗](#)

- **Snake Game** (C++ with QtCreator & Java with NetBeans) – Developed visually appealing versions of the Snake game in both C++ and Java. [C++ GitHub↗](#) | [Java GitHub↗](#)

PROGRAMMING LANGUAGES

- ➤ C++, C, C#, Java, Python

OTHER KNOWN DOMAINS

- ➤ Software Engineering Principles, Data Structures & Algorithms, Object-Oriented Programming, SQL & Data Manipulation

TOOLS

- ➤ React, Qt Creator, .NET Framework, SQL Server / SSMS

WORKSHOPS, CAMPS AND COMPETITIONS

- **Java Programming Camp** – June 2022
  - Learned object-oriented programming and Java syntax through hands-on exercises.
  - Developed small applications and collaborated on mini projects.

- **C# Development Camp** – April 2023
  - Built Windows Forms applications in C#.
  - Improved understanding of OOP principles and UI design.

- **Regional C# Programming Competition** – April 2023 & April 2024
  - Participated in regional coding competitions organized by the "Nouă ne pasă" program.
  - Tackled algorithmic challenges and developed software solutions under time constraints.