

# MURARIU TUDOR CRISTIAN

## Software Engineer

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Github: <https://github.com/TudorMurariu>

## WORK EXPERIENCE

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- **Java Internship at Capgemini Engineering** August 2022  
- October 2022

## EDUCATION

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- **"Babes-Bolyai" University Cluj-Napoca, România** October 2021-present  
Faculty of Mathematics and Computer Science  
Expected graduation: July 2024  
Pursuing Bachelor in Computer Science
- **"Ștefan Cel Mare" National College, Neamț, România** September 2017  
High School Education specializing in Mathematics and Informatics  
- July 2021

## AWARDS

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- 11th place on UBB Mate-Info's 2021 programming admission
- 30th place on UBB Mate-Info's 2021 programming contest
- 3th place in County Mathematics Olympics 2018 and 2019 <https://github.com/TudorMurariu/CV-stuff>
- Participation in the 2021 Hermes Hackathon with a react native project : [\[github link\]](#)

## SKILLS

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- **TEHNICAL** C/C++ (extensive coding contest experience and strong bases from projects development), Java, Python, JavaScript, C#  
Contest experience with algorithms and data structures
- **SOFT SKILLS** Team spirit, problem solving, efficient communication, organizing skills, attention to details, constantly striving for improvement
- **LINGUISTIC** Romanian (native)  
English (fluent)

## PERSONAL PROJECTS

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- Tourism Agency App in C++ for semester project for OOP course. My main purpose at the time was practicing the OOP concepts. I have acquired strong knowledge about memory management: Rule of three(C++), Rule of five(C++), RAII, memory leaks, dangling pointers, smart pointers. I implement a small part from class 'vector' from STL C++ using concepts like iterators, template etc. Beside of OOP concepts and design patterns (Observer, Model-View-Controller), I have learned about signals, slots for graphical user interface using QT. [\[github link\]](#)
- To-do-list. This project helped me learn the react basics such as react native components and hooks. [\[github link\]](#)
- FlappyBird in Unity Engine (C#) [\[github link\]](#)
- A Python Discord Bot that sends emails [\[github link\]](#)

## ACTIVITIES AND HOBBIES

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- I used the 'PRAMP' platform to improve my skills for the next technical interviews, but also to help other people and give them the best tips in solving problems
- I like to make games for my friends to play, such as : [Xand0](#), [HangMan](#), [PolishCow](#), [Dice-Game](#), [Slot-Machine](#)