ANDREI-BOGDAN ALEXANDRU

Computer Science Engineer

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SUMMARY

I am a CS engineer who is truly passionate about emerging technologies like Blockchain. My specialization lies in Computing Systems Architecture with a focus on the parallel programming paradigm.

EDUCATION

Bachelor, Computer Science

University Politehnica of Bucharest

Grade Average **9.50** / 10

📅 09/2019 - 07/2023   📍 Bucharest, RO

· Relevant courses: Computer Programming, Data Structures and Algorithms, Operating Systems, OOP, Computing Systems Architecture, Parallel Architecture and Programming

Romanian Baccalaureate Diploma

"Dimitrie Cantemir" National College

Grade Average **9.86** / 10

📅 09/2015 - 06/2019   📍 Onesti, RO

PROJECTS

Web3 Course Platform

The web-based course platform integrates NFTs as a connectivity system to enhance user data privacy. Additionally, the platform will feature a marketplace for selling these NFTs.

· Solidity
· React
· Demo: https://youtu.be/2PoSvZQoSQc

Staking Contract For ERC20 Token

The purpose of the project is to implement a smart contract for staking ERC20 token.

· Solidity

Shooter Games

I have utilized the OpenGL framework for developing shooter games.

· 2D shooter game
· 3D shooter game

Image Filter

Applying image filter in C using parallel programming

· MPI
· OpenMP
· Pthreads
· CUDA

Snake AI Python Game

· Pythorch
· Neural Networks and Deep Learning

TECHNICAL SKILLS

Java   SQL   Python   C/C++   Matlab   Bash   JavaScript   React   CUDA   Solidity

STRENGTHS

👥 Teamwork
Everything is easier when you work in a team

⚡ Fast Learning
Ability to learn new technologies quickly

PROFESSIONAL EXPERIENCE

Softbinator Labs 2023

Softbinator Technologies

📅 02/2023 - 04/2023   📍 Bucharest, RO

Learned about

· Blockchain
· Web3 developement
· Solidity

3DUPB Summer Code School

University Politehnica of Bucharest

📅 06/2022 - 08/2022   📍 Bucharest, Romania

Learned about

· VR & AR technology in Unity
· Blockchain
· Neural Networks and Deep Learning

TRAINING / COURSES

Python Fundaments Certificate

Telecom Academy

PUBLICATIONS

Smart contract-based decentralized web3 platform for education

Alexandru Andrei-Bogdan/Bogdan Tiganoaia

📅 05/2023

Currently under review/publication.