Mateescu Viorel-Cristian

Software Engineer

Personal Info

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GitHub
https://github.com/vioo-bkp

LinkedIn
www.linkedin.com/in/viorel-cristian

Website
https://vioo-bkp.github.io/

Skills

C / C++	★★★★☆
Python	★★★★☆
Data Structures	★★★★☆
HTML5 / CSS	★★★★☆
Java	★★★☆☆
Programming in Haskell	★★★☆☆
Matlab / Simulink	★★★☆☆

Languages

English	★★★★☆
French	★★★☆☆

Hobby

Music

My experience includes over two years of providing a good organization of data as well as the management of ideas through code in a programming language on a team. I was given the responsibility of managing payroll and inputting inventory information into the computer system. As a student, I have participated in numerous conferences organized by major IT industries, such as Microsoft, Google, Ubisoft, Amazon, Origin. My personal experience, in view of the programming languages are: C / C++, Python, Java / Javascript and HTML. All this used in various personal projects (websites), as well as homework from the university. Personal strengths include excellent verbal and written communication skills (bilingual in English/French), independent working habits, customer service skills, and punctuality. Based on my professional skills and experience, I feel confident that given the opportunity. I would appreciate the opportunity to further discuss this position and my qualifications at your convenience. Thank you!

Education

2014-09 - 2019-06

"Iancu C. Vissarion" High School, Real profile, Mathematics - Informatics, Titu, Romania

Graduate, Mathematics - Informatics

2019-10 - present

Polytechnic University of Bucharest, Faculty of Automatics and Computers, specialization CTI (Computers and Education Technology) , Bucharest

Student, Software Engineer

Volunteering

2019-11

League of Automatic & Computers Students

• Former member of LSAC (League of Automatic & Computers Students), HR branch, Degree in Psychology and Education;

Projects (More on Github)

IPv4 Addressing

Computer Programming homework

Systematization of the notions of IP address, network mask, network address and broadcast address.
The IP address ensures the connectivity of the equipment (computers, telephones, routers, servers, etc.) in the network / Internet.

aRS PoEtiCa

Computer Programming homework

Use string handling functions.
Formatting a text and processing according to given rules.
Parsing the commands received at input and getting acquainted with interactive consoles.
Using pointers to transmit parameters.
Using functions in external libraries.

Image processing

Computer Programming homework

A computer program written in C that takes a BMP image and rotates, changes

the dimensions and applies filters to it.

Printf

Introduction to assembly language (.asm) homework

Implement in the programming language C the function int iocla_printf (const char * format,…), offering behavior similar to printf from the standard C library.

Minimal Browser

Data Structures homework

- Tabs and navigation
- Local tab history and browser history
- Downloads
The purpose of the homework is to implement the web browser features described above up

DataBase

Data Structures homework

- Data definition
- Data query
- Data manipulation

HTML Parser

Data Structures homework

A computer program written in C that takes an unformatted HTML file and modifies it with proper indentations and spacing. Another functionalities of the program are: adding and deleting elements, modifying attributes.

Auction House Manager

OOP homework

A Java program that manages auctions and the communication between clients and auction house through brokers.