



Constantin-Cosmin Ghiorghita

Junior Software Developer

"Work until you no longer have to introduce yourself." I would describe myself as a determined, hard-working person, always being focused on my goals.

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WORK EXPERIENCE

Junior Software Engineer HARMAN International

03/2018 - Present

Bucharest, Romania

Achievements/Tasks

- Contributor to the Linux based stress test software that is used in manufacturing infotainment systems for BMW, Daimler-Mercedes and Volkswagen Audi Group.
- Analyze requirements from various stakeholders and define specifications together with the rest of team and architects.
- Areas of expertise: Networking, Production and Hardware Qualification Test Software, Software Integration & Test, REST Interfaces.

SKILLS

Python	●	●	●	●	○
C++	●	●	●	○	○
C	●	●	●	○	○
Qt/QML	●	●	●	○	○
Linux shell	●	●	●	○	○
JavaScript	●	●	○	○	○
Java	●	●	○	○	○
SQL	●	○	○	○	○
Yocto	●	○	○	○	○

EDUCATION

Advanced Software Services University "Politehnica" of Bucharest

10/2020 - Present

Bucharest, Romania

Computer Science

- Web development
- Cloud Computing
- Data mining and data warehousing
- Software security

PERSONAL PROJECTS

BusInform (04/2020 - 05/2020)

- Application that controls led panels to display information about the arriving buses and their ETAs.
- The application itself is fully written in Python, though the panel's leds are controlled by a 3rd party library written in C.

EMC Energy Management Suite (01/2020 - 07/2020)

- Qt mobile application for iOS and Android that allows meter controlling and monitoring.

InitialLights (12/2019 - 04/2020)

- It's an application for mobile devices that helps managing lights connected to controllers. Works with almost any kind of light and it is able to control the light properties, create and manage light shows, etc.
- It is written in Qt using C++ features and design patterns.

Offline shop (2016)

- Developed a working offline shop in Java, using OOP concepts and design patterns such as: singleton, iterator, observer and visitor.
- The shop's products are loaded from a CSV file containing data with a specific format: (Name; ID; Price). Also, I used pattern matching in order to parse the items' specifications previously mentioned.

GoGoCleaning (2015)

- Offline application that helps dry cleaning employees to manage their orders, clients database and products' prices with receipt printing function written in C#.
- The application is based on Windows Form Applications, consisting of many labels, text fields, buttons and data grids.
- I also used some SQL features to insert items in databases, update and delete them.

2048 (2015)

- 2048 game implemented in C using nCurses library + alternative game version in C#.

Database (2015)

- Offline database with login authentication form written in C#.
- It contains a DataGridView, filled up with data about monthly expenses.

LANGUAGES

Romanian	●	●	●	●	●
English	●	●	●	●	○
Italian	●	○	○	○	○

INTERESTS

Artificial Intelligence

Tennis

Puzzles

Front-End

EDUCATION

Faculty of Automatic Control and Computers University "Politehnica" of Bucharest

10/2015 - 06/2019

Bucharest, Romania

Computer Science

- Mathematics
- Physics
- Algorithmics
- Data Structures