



Ionut Marian Dobra

Date of birth: 09/08/1990 | **Nationality:** Romanian | **Address:** Romania (Home)

EDUCATION AND TRAINING

01/10/2018 – 02/10/2023 Cluj-Napoca, Romania
PHD DEGREE Technical University of Cluj Napoca

Thesis: Energy Harvesting and Air quality sensors

01/10/2013 – 30/06/2015 Cluj-Napoca, Romania
MASTER'S DEGREE Technical University of Cluj Napoca

Master: Advanced Process Control, Thesis: „Localizarea Wireless in interiorul unei cladiri”

01/10/2009 – 28/06/2013 Cluj-Napoca, Romania
ENGINEER DIPLOMA Technical University Cluj Napoca

Principal subjects: Automatic control engineering and science
Faculty: Automation Engineering
Thesis: Wi-Fi based objects localization in multipath environment

18/09/2005 – 30/06/2009 Cluj-Napoca, Romania
HIGH SCHOOL DIPLOMA Emil Racovita Baia Mare theoretical high school

Certificate: Certificate of professional competence - Competent computer literacy
Principal subjects: Mathematics and Computer science

WORK EXPERIENCE

SOFTWARE MANAGER – ROBERT BOSCH – Current – CLUJ-NAPOCA, ROMANIA

Team Leader for the Software System Designer team Coordinate the SWSD team Analysing and clarifying the requirements, received from the OEM. Planning the tasks for the team. Planning discussions with the projects from the platform

SOFTWARE MANAGER – ROBERT BOSCH – 01/01/2025 – Current – CLUJ-NAPOCA, ROMANIA

Group Leader -> Development and coordination of communication and diagnostic teams

EMBEDDED SYSTEM DESIGNER – ROBERT BOSCH – 30/12/2022 – CLUJ-NAPOCA, ROMANIA

Analysing the requirements, received from the OEM. Clarifying the requirements with the OEM Planning the tasks for the team. Planning discussions with the projects from the platform

ACTIVITY LEADER – FREELANCER – 02/01/2017 – 11/09/2020 – CLUJ-NAPOCA, ROMANIA

Analysing the requirements, received from the client. Planning the tasks for the team. Provide support for all the team members with all the topics. Discutients with the client about the specifications. Suggesting solutions for the client for unseen conflicts between requirements

SOFTWARE MANAGER – NTT DATA ROMANIA – 01/10/2015 – 30/12/2016 – CLUJ-NAPOCA, ROMANIA

Analysing the requirements, received from the client. Planning the tasks for the team. Provide support for all the team members with all the topics. Discussions with the client about the specifications. Suggesting solutions for the client for unseen conflicts between requirements.

EMBEDDED SYSTEMS SOFTWARE DEVELOPER – EBS ROMANIA – 05/05/2014 – 01/10/2015 – CLUJ-NAPOCA, ROMANIA

Proiectarea si implementarea cerintelor si a functionalizatiilor pentru partea de HMI. Integrarea noilor functionalitati in system.

Lucru cu tooluri de versionare (SVN, MKS) Efectuarea review-urilor pe documente si pe cod Scrierea documentatiei pentru codul implementat (Module Specification, MTS)

INTERNSHIP – UNIVERSAL ALLOY CORPORATION EUROPE (INTERNSHIP) – 03/06/2012 – 31/08/2012 – BAIJA MARE, ROMANIA

Extrudarea Aluminiului si a aliajelor

Mentenanța si service

Mentenanță echipamentelor de producție

Crearea programelor automate, folosind RS Logix 500 Rockwell

Software, pentru Allen-Bradley PLC's

Controlul motoarelor trifazate folosind invertoare de frecventa

Calibrarea cuptoarelor de îmbătrânire

● **SKILLS**

Microsoft Office | Microsoft Powerpoint | Microsoft Excel | Google Drive | Team-work oriented | Organizational and planning skills

● **LANGUAGE SKILLS**

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C1	C1	B2	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DRIVING LICENCE**

Driving Licence: A

Driving Licence: B