



Bogdan Popa

Date of birth: 14/12/1989 | **Nationality:** Romanian | **Gender:** Male |

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● ABOUT ME

Lect. Univ. Dr. Eng. graduate of the Faculty of Automation, Computers and Electronics in Craiova, currently works in the Department of Automation and Electronics.

● WORK EXPERIENCE

01/10/2021 – CURRENT Craiova, Romania

LECTURER UNIVERSITY OF CRAIOVA

Supporting teaching activities for the following courses:

- Object Oriented Programming
- Applied Computer Science II
- Real-time Application Programming

Supporting laboratory activities for the following disciplines:

- Object Oriented Programming
- Computer Programming and Programming Languages
- Software Systems Engineering
- Applied Computer Science II.
- Designing applications II.
- Real-time application programming.

10/10/2015 – 01/10/2021 Craiova, Romania

UNIVERSITY ASSISTANT UNIVERSITY OF CRAIOVA

Supporting laboratory activities for the disciplines:

- Object Oriented Programming
- Computer Programming and Programming Languages
- Software Systems Engineering
- Applied Computer Science
- Algorithm design II
- Real-time application programming

Support courses for the disciplines:

- Object Oriented Programming
- Real-time Application Programming.

01/11/2012 – CURRENT Calafat, Romania

IT AND TELECOMMUNICATIONS MANAGER S.C. MOARA CALAFATULUI S.R.L.

- IT systems maintenance
- Involvement in the management and production process
- Coordination of development activities

● EDUCATION AND TRAINING

01/10/2021 – 01/10/2022 Craiova, Romania

POSTDOC University of Craiova, Doctoral School "Constantin Belea"

Prof. coordinator. Selisteanu Dan, Project title: The use of modern image and vibration processing algorithms in software applications

- Knowledge and experience in implementing and managing distributed applications
- Working skills with fractal image generation algorithms and techniques
- Skills in implementing systems that can process signals in real time

Diploma No. 27 / 13.02.2023

Field of study Systems engineering |

Thesis Using modern image and vibration processing algorithms in software applications

01/10/2014 – 05/10/2019 Craiova, Romania

DOCTORATE IN SYSTEMS ENGINEERING University of Craiova, Doctoral School "Constantin Belea"

Doctoral student of the doctoral school of engineering sciences, coordinator: Prof. univ.dr. Eng. Dan Popescu. Doctoral thesis title: "Performant algorithms for image and signal processing". Public support in 05.10.2019, Doctoral degree: Series J, No. 0045974/ No. 24 of 16.02.2021, Order M.I. no. 5748/13.10.2020.

Field of study Systems engineering | **Thesis** Performant algorithms for image and signal processing

01/10/2012 – 10/07/2014 Craiova, Romania

MASTER STUDIES, INFORMATION SYSTEMS FOR E-BUSINESS PROGRAM University of Craiova

Competencies:

- Software engineering
- Software development tools
- Web engineering

Master's studies in the Faculty of Automation, Computers and Electronics, Computers section. "Image processing parallel algorithms, lossless compression – technologies and applications", coordinating professor Mihai Mocanu.

Field of study Information and Communication Technologies | **Final grade** 10

02/2012 – 06/2012 Valencia, Spain

ERASMUS STUDENT Erasmus - University of Valencia

Participation in courses:

Databases
User Interfaces
Computer Fundamentals
Mathematics III
Accounting

2008 – 2012 Craiova, Romania

BACHELOR'S DEGREE IN COMPUTERS, ENGLISH DEPARTMENT, SPECIALIZING IN SOFTWARE ENGINEERING Faculty of Automation, Computers and Electronics

General skills:

- Development of software applications
- Database
- E-commerce
- Computer Networks
- Programming languages

Bachelor's thesis with the theme: "Iterative Function Systems For Natural Image Processing", professor coordinator Mihai Mocanu

2014 – 2015 Craiova, Romania

CERTIFICATE OF THE DEPARTMENT FOR THE TRAINING OF TEACHING STAFF MODULE 2
University of Craiova

DPPD certificate level 2.

2009 – 2012

CERTIFICATE OF THE DEPARTMENT FOR THE TRAINING OF TEACHING STAFF MODULE 1
University of Craiova

DPPD level 1 certificate

28/03/2020

ADVANCED POSTGRADUATE COURSE - TEACHER TRAINING FOR THE USE OF INNOVATIVE DIDACTIC STRATEGIES IN APPLIED ENTREPRENEURIAL CONTEXTS University of Craiova

21/01/2019 Craiova, Romania

TRAINER CERTIFICATE University of Craiova

- Training preparation
- Carrying out training activities
- Evaluation of training participants
- Application of special training methods and techniques
- The marketing of training
- Designing training programs
- Organization of training programs and internships
- Evaluation, review and quality assurance of training programs and courses

Field of study Training

01/06/2014 – 16/12/2014 Bucuresti, Romania

CERTIFICATE OF COMPETENCE IN ENTREPRENEURSHIP AND INNOVATION Bucharest Academy of Economic Studies

Certificate of attestation of competences within the postgraduate training and continuous professional development program of entrepreneurship and innovation, organized by the Faculty of Accounting and Management Informatics within ASE Bucharest

2012 – 2014 Craiova, Romania

MASTER STUDIES: ELECTRONIC BUSINESS MANAGEMENT PROGRAM University of Craiova, Faculty of Economics and Business Administration

General skills:

- Data management
- Internet business
- Business intelligence

Title of the dissertation: "Distribution and promotion of tourist products on the Internet", professor coordinator Ciora Liviu Ion, graduation grade 10.

Final grade 10

2008 – 2011 Craiova, Romania

BACHELOR OF ECONOMIC STUDIES, MANAGEMENT DEPARTMENT Faculty of Economics and Business Administration

General skills:

- Management
- Marketing
- Business administration
- Production scheduling

General skills:

- During my high school studies, but also during the middle school period, I obtained a number of approximately 60 national and international prizes in school competitions and Olympics, in the subjects: mathematics, physics and computer science.

National classification specializarea matematica-informatica

● **LANGUAGE SKILLS**

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
FRENCH	B2	B2	B1	B1	B2

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

● **DRIVING LICENCE**

Driving Licence: B

● **ORGANISATIONAL SKILLS**

Organizational skills

- proven managerial skills in the company's activity
- in the research activity, within the work teams.
- capable, motivated, ready for team work.

● **COMMUNICATION AND INTERPERSONAL SKILLS**

Communication and interpersonal skills

- good communication skills acquired within the activity of the company where I carry out my activity, within the partnerships with the company's clients and suppliers.
- professional communication skills acquired during the laboratory and project classes carried out in the faculty, in the study programs in which I carry out my activity
- ability to quickly adapt to modern technologies and software tools

● **SKILLS ACQUIRED IN THE WORKPLACE**

Skills acquired in the workplace

- didactic, teaching, methodical skills acquired in the years when I worked with students from the Automation and Systems Engineering programs in the faculty.
- specialized training skills for students in the capacity of being responsible for their training
- good connoisseur of the production processes within the company, operationalization activities and coordination of current production.
- intercultural competences acquired in the international projects in which I participated, as a pupil and student, but also in the work visits to the company's partners, in the participation in international symposia and conferences.
- resistance to stress, organization and management of time, resources, responsible and involved spirit

- Doctoral scholarship QFORIT Scholarships and Awards Program, University of Craiova, Faculty of Automation, Computers and Electronics awards scholarships with funding obtained through private sponsorship (S.C. CASA NOASTRĂ S.A.) years 2017 - 2018
- Postdoc scholarship. related to the project "Entrepreneurial University - higher education and training system for the labor market in Romania by awarding scholarships for doctoral students and post-doctoral researchers and implementing innovative entrepreneurial training programs", ID 123990

● **TECHNICAL SKILLS AND COMPETENCES**

Technical skills and competences

Very good knowledge in programming under C/C++, Python, MySQL, MathLab, Visual Basic, XHTML, XML, PHP, JavaScript, Java, Css.