

Personal information

Surname / First name

Address

Telephone

E-mail

Nationality

Gender

Work experience

Dates

November 2020-present

Occupation or position held

Data Analyst

Main activities and responsibilities

Development and maintenance of a system for data processing
Reports and dashboard design for transversal functions
Collection and data analysis

Name and address of employer

SC GSC Romania, IT company

Dates

August 2019-February 2020

Occupation or position held

Internship

Main activities and responsibilities

Data gathering and analysis for on-going projects
Introduction to analysis of single-cell RNA sequencing data
Familiarization with computational tools for data analysis
Assistance with various wet laboratory techniques

Name and address of employer

Institute of Biochemistry of the Romanian Academy, Bucharest

Dates

October 2018-March 2019

Occupation or position held

Internship

Main activities and responsibilities

Introduction to Deep Learning
Utilization of neural networks for automatic image analysis
Classification of histopathological images using Deep Learning

Name and address of employer

National Institute of Research in Informatics, Bioinformatics Department, Bucharest

Dates

May 2011-August 2013

Occupation or position held

Project Manager

Main activities and responsibilities

Planning and development of various project ideas
Developing project scopes, involving all relevant stakeholders and ensuring technical feasibility
Measure project performance using appropriate systems, tools and techniques

Name and address of employer

BCR
Calea Victoriei 155, Bucharest, Romania

JR

Dates	Oct 2006-March 2011
Occupation or position held	Analyst
Main activities and responsibilities	Mathematical modeling of credit risk Devising applications for scoring and corporate valuations Financial data analysis
Name and address of employer	Investkredit Bank AG. & Raiffeisen Bank Kolingasse 14 - 16, 1090 Vienna, Austria & Charles de Gaulles 15, Bucharest, Romania

Education

Dates	October 2021-present
Occupation or position held	Doctoral program in biophotonics
Main activities and responsibilities	Familiarization with multimodal imaging techniques Fundamentals of photonics Non-linear optics Study of application of photonics technology in biomedicine
Name and address of employer	Faculty of Electronics, Telecommunication and Information Technology, University of Polytechnics Bucharest

Dates	Oct 2019-June 2021
Title of qualification awarded	Master of Science in Medical Bioinformatics
Principal subjects/Occupational skills covered	Analysis of "omics" data Artificial intelligence for life sciences Medical statistics GPA: 9.83/10
Name and type of organization providing education and training	University of Bucharest, Faculty of Biology, Romania

Dates	2013-2018
Title of qualification awarded	Bachelor of Science in Biomedical Engineering
Principal subjects/Occupational skills covered	Anatomy and Physiology, Molecular biology, Genetics, Immunology, Pathology, Toxicology Biochemistry and Biophysics, Fluid mechanics, Biomedical Materials Science, Biosensors Mathematics, Electronics, Biomedical Equipment Imaging for medical applications GPA: 8.75/10
Name and type of organization providing education and training	Polytechnics University of Bucharest, Faculty of Biomedical Engineering, Romania

Dates	2006 – 2008
Title of qualification awarded	Master of Science in Finance and Economics
Principal subjects/Occupational skills covered	-Computational Economy, Financial Engineering, Risk modelling -Risk Management, Applied mathematics in portfolio management
Name and type of organization providing education and training	Academy of Economic Studies, Bucharest, Romania jointly with the European Institute in Romania

Dates 2002 - 2006

Title of qualification awarded

Bachelor of Science in Finance and Economics

Principal subjects/Occupational skills covered

-Quantitative Methods (Mathematics and Statistics) for economists
- Financial Analysis and stochastic calculus
-Microeconomics, Macroeconomics, Econometrics

Name and type of organization providing education and training

Academy of Economic Studies, Bucharest, Romania

Personal Skills and Competences

Mother tongue Romanian

Other languages

Self-assessment

European level (***)

English
French
German

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
B2	Independent user	C1	Proficient user	B1	Independent user	B2	Independent user	B1	Independent user
A2	Basic User	B1	Basic user	A2	Basic User	A2	Basic User	A2	Basic User

*** Common European Framework of reference (CEF) level

Programming languages:

-Working experience with R, Python, Matlab, Java

Skills and competences

-Creative approach to problem-solving
-Effective communication skills
-Teamwork
-Attention to detail and analytical skills

Referees:

Professor, PhD, Dan Mihailescu
d.f.mihailescu@gmail.com; dan.mihailescu@bio.unibuc.ro

Professor Mircea Iulian-Nistor
mircea.nistor@upb.ro

