



Silvia Ovreiu

| **Nationality:** Romanian | **Phone number:**

WORK EXPERIENCE

16/09/2022 – CURRENT Bucharest, Romania

PROGAMMER NATIONAL INSTITUTE FOR RESEARCH & DEVELOPMENT IN INFORMATICS ICI

01/01/2015 – CURRENT Bucuresti, Romania

VOLUNTEER SSIMA - SUMMER SCHOOL IMAGING MEDICAL APPLICATIONS

- part of the organizing team (www.ssim.ro)
- responsible for secretarial tasks regarding the participant database and other related activities

01/10/2018 – 01/12/2022 Bucharest, Romania

RESEARCH ASSISTANT UNIVERSITY POLITEHNICA OF BUCHAREST

I am principal investigator of the SAIGHT project (Software for automatic eye images analysis). The main goal of the project is to create a Deep Learning based platform for automatic analysis and diagnosis of eyes diseases, such as glaucoma. The algorithms I have developed are focused on differentiate healthy eye from those affected by glaucoma.

01/06/2017 – 30/09/2018 Bucharest, Romania

CUSTOMER SERVICE AGENT TELEKOM

- effectuating termination of service on the basis of written notification of breach of contract by clients

01/02/2017 – 01/06/2017 Bucharest, Romania

INTERNSHIP PARLIAMENT OF ROMANIA - CHAMBER OF DEPUTIE

- part of the IT team of the independent deputy, Oana Bizgan:
- edited Wikipedia page and co-developed personal website (TBA)
- organized the conference "Egalitate de gen. Test pentru democratie"
- created and managed Excel databases with the deputy's collaborators, events' guests (conferences, round tables)

01/05/2016 – 01/02/2017 Bucuresti, Romania

VOLUNTEER ATELIERE FARA FRONTIERE

- utilization of Google Ads for promotional purposes

15/08/2013 – 01/10/2014 Bucharest, Romania

JUNIOR ANALYST UNIVERSITY POLITEHNICA OF BUCHAREST, FACULTY OF AUTOMATIC CONTROL AND COMPUTERS

- Part of the team which implemented the first digital and electronic Mathematics book in Romanian:
- Programming in HTML, CSS and JavaScript
 - Testing the e-book's functionalities and providing relevant feedback to the senior members of the team

● EDUCATION AND TRAINING

01/10/2018 – CURRENT Bucharest, Romania

PHD Faculty of Electronics, Telecommunications and Information Technology

01/10/2011 – 01/07/2013 Bucharest, Romania

MSC. CYBERNETICS AND QUANTITATIVE ECONOMICS Academy of Economic Studies

Level in EQF EQF level 7

01/10/2008 – 01/06/2011 Bucharest, Romania

BACHELOR OF ECONOMIC INFORMATICS AND CYBERNETICS Academy of Economic Studies

Level in EQF EQF level 6

01/02/2012 – CURRENT Bucharest

ENGLISH CERTIFICATION The ARIEL Centre, University of Bucharest

01/04/2022 – 01/06/2022

PYTHON InfoAcademy

05/03/2016 – 06/06/2016 Bucharest, Romania

HTML/CSS3 InfoAcademy

C /C++ Economic Informatics and Cybernetics

JAVASCRIPT University POLITEHNICA of Bucharest

MYSQL Economic Informatics and Cybernetics

01/03/2022 – 01/04/2022

COMPENTENTE ANTREPRENORIALE ANC

17/01/2021

CUSTOM MODELS, LAYERS, AND LOSS FUNCTIONS WITH TENSORFLOW Coursera

07/06/2020

INTRODUCTION TO TENSORFLOW FOR ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, AND DEEP LEARNING Coursera

25/04/2020

CONVOLUTIONAL NEURAL NETWORKS Coursera

06/02/2020

IMPROVING DEEP NEURAL NETWORKS: HYPERPARAMETER TUNING, REGULARIZATION AND OPTIMIZATION Coursera

16/03/2020

STRUCTURING MACHINE LEARNING PROJECTS

19/12/2019

NEURAL NETWORKS AND DEEP LEARNING Coursera

● LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	A2	A2	A1	A1	A2

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

● **ADDITIONAL INFORMATION**

PUBLICATIONS

[Infantile Hemangioma Detection using Deep Learning](#) – 2020

[An Exploratory Study for Glaucoma Detection using Densely Connected Neural Networks](#) – 2020

[A Review of Glaucoma Detection from Digital Fundus Images using Machine Learning Techniques](#) – 2020

[Deep Learning & Digital Fundus Images: Glaucoma Detection using DenseNet](#) – 2021

CONFERENCES AND SEMINARS

23/11/2022 – 24/11/2022

Certificate of Appreciation - 38th IBIMA International Conference