

PERSONAL INFORMATION

Codruț-Georgian Artene

✉ codrutartene@gmail.com

PROFESSIONAL EXPERIENCE

July 2024 - (present)
February 2019 – July 2024
January 2016 – August 2018

Team Lead Software Engineer

Bitdefender, Iasi, Romania, <https://www.bitdefender.ro/>

- Specialized in the development and implementation of cutting-edge solutions for web content filtering and online threats detection.
- Using advanced machine learning and deep learning techniques to improve the effectiveness and accuracy of content filtering systems.
- Conducted research on emerging technologies and implemented innovative approaches to address evolving cyber threats.

October 2022 – (present)
October 2021 – July 2022
(hourly payment regime)
October 2020 – July 2021
(hourly payment regime)

Teaching Assistant

"Gheorghe Asachi" Technical University of Iasi, Romania, Faculty of Automatic Control and Computer Engineering

- Teaching the OOP (Object Oriented Programming), the CG (Computer Graphics) and the AI (Artificial Intelligence) laboratories.

October 2015 – January 2016

Software Developer

"Gheorghe Asachi" Technical University of Iasi, Romania, Faculty of Automatic Control and Computer Engineering

- Development of an algorithm to detect the ground plane in images, within the "Sound of Vision" project.

July 2015 – October 2015

Software Development Engineer Intern

Amazon Development Center, Iasi, Romania

- Technical analysis, design, implementation, testing and assembly of a complete software solution for analyzing the costs generated by the use of hardware equipment in the Cloud.

EDUCATION AND TRAINING

October 2020 - (present)

PhD student

"Gheorghe Asachi" Technical University of Iasi, Romania, Faculty of Automatic Control and Computer Engineering

October 2017 – February 2020

MSc in Distributed Systems and Web Technologies

"Gheorghe Asachi" Technical University of Iasi, Romania, Faculty of Automatic Control and Computer Engineering

October 2018 – February 2019

Erasmus+ mobility

Vienna University of Technology, Austria, Faculty of Informatics, Research Unit of Computer Graphics, Visualization Working Group

October 2013 – July 2017

BE in Computer Engineering and Information Technology

"Gheorghe Asachi" Technical University of Iasi, Romania, Faculty of Automatic Control and Computer Engineering

PERSONAL SKILLS

Mother tongue(s) ROMANIAN

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1/2: Elementary user - B1/2: Independent user - C1/2: Experienced user
Common European Framework of Reference for Foreign Languages

ADDITIONAL INFORMATION

Published articles

- Gabriela Brezeanu, Alexandru Archip, Codruț-Georgian Artene, *Phish Fighter: Self Updating Machine Learning Shield Against Phishing Kits Based on HTML Code Analysis*, IEEE Access, 13: 4460-4486, 2025.
- Codrut-Georgian Artene, Ciprian Oprisa, Cristian Nicolae Butincu, Florin Leon, *Finding Patient Zero and Tracking Narrative Changes in the Context of Online Disinformation Using Semantic Similarity Analysis*, Mathematics, 11.9: 2053, 2023.
- Codrut-Georgian Artene, Dumitru-Daniel Vecliuc, Marius Nicolae Tibeica, Florin Leon, *An Experimental Study of Convolutional Neural Networks for Functional and Subject Classification of Web Pages*, Vietnam Journal of Computer Science, 1-19, 2022.
- Dumitru-Daniel Vecliuc, Codruț-Georgian Artene, Marius-Nicolae Tibeică, Florin Leon, *An Experimental Study of Machine Learning for Phishing Detection*, Asian Conference on Intelligent Information and Database Systems, 427-439, 2021.
- Codruț-Georgian Artene, Marius Nicolae Tibeică, Dumitru Daniel Vecliuc, Florin Leon, *Convolutional neural networks for web documents classification*, Asian Conference on Intelligent Information and Database Systems, 289-302, 2021.
- Codruț-Georgian Artene, Marius Nicolae Tibeică, Florin Leon, *Using BERT for Multi-Label Multi-Language Web Page Classification*, 2021 IEEE 17th International Conference on Intelligent Computer Communication and Processing (ICCP), 307-312, 2021.
- Codruț-Georgian Artene, Simona Caraiman, Adrian Burlacu, Paul Herghelegiu, *Ground plane detection for wearable assistive devices for the visually impaired*, 2021 25th International Conference on System Theory, Control and Computing (ICSTCC), 81-86, 2021.