

# Curriculum Vitae

## Marcel Prodan

### Education



#### University POLITEHNICA of Bucharest

PhD Student, Computers and Information Technology

2018 - present

Research on image processing techniques, focusing on breast cancer detection using Deep Learning methods.



#### Lucian Blaga University of Sibiu

Master's degree, Business/Managerial Economics

2005 - 2007



#### University POLITEHNICA of Bucharest

Master of Science (MS), Robotics, and Automation Engineering

1983 - 1988

### Experience

#### Software IT Specialist

Public Prosecutor's Office Harghita County

Feb 2014 - Apr 2020  
(6 years 3 months)

- IT Software activities specific to the Public Prosecutor's Office.
- Administration of database, application and storage servers, Active Directory, operating systems (Windows and Linux, virtualization), information systems specific to the Public Prosecutor's Office application.
- Development of SQL reports and custom applications.

#### IT Manager

MIDA Miercurea-Ciuc

Jun 2004 - Feb 2014  
(9 years 9 months)

- Member of the Renault Workgroup, established for the implementation of a new DMS (Dealership Management System) within the Dacia-Renault network in Romania, later expanded to other countries.
- IT project management: Dealership Management System and accounting.
- Database administration of MS SQL Server 2000-2012.
- Development of DMS extension modules in SQL, VBA, .NET, C++, C, and Delphi.

#### Technical Support Engineer

Intracom SA Bucharest

Jul 1994 - May 2003  
(8 years 11 months)

- Installation, service, and maintenance of smart terminals, video lottery terminals, and satellite communication equipment from Romanian Lottery;
- Troubleshooting database servers from Eximbank Braşov.

## Technical Support Manager – part time

RADIOTEL Miercurea-Ciuc

*Jun 1995 - Dec 1999  
(4 years 7 months)*

- Managed RADIOTEL Miercurea-Ciuc, a subsidiary of the RADIOTEL Bucharest Group, specializing paging, radiotelephony, and GSM services for the Harghita county area.
- Directed a software project for the Harghita Ambulance Service and various other clients, while also designing and integrating custom company applications.

## Associate Lecturer – contract based

George Baritiu University of Braşov, Faculty of Cybernetics

*Sep 1993 - Oct 1996  
(3 years 2 months)*

- Teaching the courses "Computing and operating systems" and "Electronic devices and circuits".
- Examining and grading students.

## Software Engineer

INFOHAR former Harghita Territorial Center of Electronic Computing (CTCE Harghita)

*Sep 1988 - Mar 1994  
(5 years 7 months)*

- Analysis, designing, programming, and testing of GIS (Geographical Information System) for Miercurea-Ciuc City Hall using AutoCAD, AutoLISP, C and ORACLE as the database, graphic kernels for CubZ computers and for VT100 terminals (in Assembler), format conversion drivers (in Pascal and ASM).
- Managing and teaching of IT courses Computer Architecture and Structure, Operating Systems, Databases, Pascal and Dbase Programming.

## Licenses & Certifications

 **Microsoft Certified Professional** - Microsoft

 **DAT263x: Introduction to Artificial Intelligence (AI)** - Microsoft  
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 **Google Data Analytics** - Grow with Google on Coursera

## Skills

- SQL, Python, R, C, VBA, Delphi (Programming Languages)
- MS SQL, Windows and Linux Servers • Network Administration
- IT Project Management
- IT service and maintenance • Computer Forensics

Date  
28-Aug-2023

Marcel Prodan