

Curriculum vitae

David MARCU

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Work experience

Assistant Lecturer

2021 - present

Main activities and responsibilities

Academic duties related to student teaching
Research activities in the fields of Artificial Intelligence and biological systems modelling
Administrative duties related to student supervision

Organization

University of Oradea, Oradea, Romania
www.uoradea.ro

IT Specialist

2010 - 2020

Main activities and responsibilities

Created an online attendance system for students
Participated in the creation of a magnetic card based printing system
Created online forms serving as database interfaces
Configured and maintained company servers
Installed and configured new desktops and laptops

Organization

Pembroke School, Adelaide, Australia
www.pembroke.sa.edu.au

IT Manager

2007 - 2009

Main activities and responsibilities

Designed and built the company's technical infrastructure (computing, communications)
Tendered for and purchased computing hardware for staff and agents
Served as technical counsel to the general manager to establish the company's technical development plan
Supervised a team of software developers to create the company's bespoke administration software

Organization	<p>Developed and maintained the company's website</p> <p>Famillio Agent de Asigurari Ltd, Oradea, Romania</p>
	<p>Technical Manager</p> <p>2007 - 2007</p>
Main activities and responsibilities	<p>Managed staff in the Technical Department</p> <p>Devised and implemented modern technical solutions to meet customer demands</p> <p>Provided technical advice to the general manager and sales manager in order to make the most efficient decisions for the company</p> <p>Recruited technical staff</p>
Organization	<p>Nexia Consulting Ltd, Oradea, Romania</p> <p>www.nexia.ro</p>
	<p>Information Systems Department Manager</p> <p>2006 - 2006</p>
Main activities and responsibilities	<p>Managed staff working in the Department</p> <p>Managed the ISD budget</p> <p>Managed projects allocated to the Department</p> <p>Prepared and presented reports to the School Council</p>
Organization	<p>Pembroke School, Adelaide, Australia</p> <p>www.pembroke.sa.edu.au</p>
	<p>Network Administrator</p> <p>2001 - 2006</p>
Main activities and responsibilities	<p>Managed the helpdesk team</p> <p>Developed and maintained the server farm</p> <p>Planned and rolled out network infrastructure</p> <p>Designed and implemented the backup strategy</p> <p>Researched and implemented different software solutions</p>
Organization	<p>Pembroke School, Adelaide, Australia</p> <p>www.pembroke.sa.edu.au</p>

Computer Technician

1999 - 2001

Main activities and responsibilities

Installed computers, printers, scanners, video-projectors, digital cameras, etc

Installed and configured various software applications

Maintained the inventory database

Provided helpdesk services to staff and students

Organization

Pembroke School, Adelaide, Australia

www.pembroke.sa.edu.au

Assistant Lecturer

1995 - 1999

Main activities and responsibilities

Teaching of theoretical and practical classes of Electrical Engineering

Wrote a Practical Works Guide

Conducted research in the field of inductive heating

Maintained laboratory apparatus

Organization

University of Oradea, Oradea, Romania

www.uoradea.ro

Education and training

Doctoral student - Electronics, Telecommunications and Information Technology

2020 - present

University of Oradea

Master of Physics of Biomedical Explorations and Therapies

2016 - 2018

University of Oradea

Honors Degree in Electronics and Telecommunications

1990 - 1995

Polytechnical University of Timisoara

Microsoft Certified Professional

1999

Microsoft Corporation



Personal skills and competences

Mother tongue

romanian

Other languages

Self-assessment

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
English C2 Proficient User	C2 Proficient User	C2 Proficient User	C2 Proficient User	C2 Proficient User
Hungarian C2 Proficient User	C2 Proficient User	C2 Proficient User	C2 Proficient User	C2 Proficient User
French B1 Independent User	B1 Independent User	A2 Basic User	A2 Basic User	A2 Basic User

Social skills

During my career I have successfully participated in different teams both as a member (for example as a computer technician) as well as a leader (for example as manager of the Information Systems Department).

I have the ability to connect and communicate with clients and business partners of different cultures and nationalities, which I have had the pleasure of doing during the years I lived and worked in Australia.

Organisational skills

As part of my duties at Pembroke School, Australia, I coordinated network infrastructure development projects, making sure they are executed on time and within budget. I liaised with external contractors and clients to ensure that results are in accordance with expectations.

Computer skills

I have extensive experience in the installation, configuration and maintenance of Microsoft software, both server and workstation. Among the software titles that I have worked with on a daily basis are: Windows Server, Exchange Server, MS SQL Server, Windows 10, Microsoft Office, etc.

I have had the pleasure of working with hardware made by Hewlett-Packard, Dell, Acer, Toshiba, Hitachi, Cisco, Linksys, 3COM, Netgear, Canon, KonicaMinolta, etc.