





Dan Radu

Date of birth: 14/08/1985

Nationality: Romanian

CONTACT

 Memorandumului 28
400114 Cluj-Napoca, Romania
(Work)

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EDUCATION AND TRAINING

2022 Cluj-Napoca, Romania

● **PhD** Technical University of Cluj-Napoca

Video Transmission and Multipath Routing Protocol Evaluation for Mobile Ad Hoc Networks (Quality of Service and Quality of Experience)

Field of study System Engineering | **Thesis** Efficient Communication Strategies for Mobile Ad Hoc Networks, Advisors: Prof. PhD. Eng. Adina Astilean and Prof. PhD. Benoit Parrein

2019 Cluj-Napoca, Romania

● **Engineer diploma** Technical University of Cluj-Napoca

Programming Techniques, Databases, Hardware and Logic Design, Web Programming, Real-Time Systems, Data Transmission

Field of study Automation and Computer Science, Automation

WORK EXPERIENCE

● **Technical University of Cluj-Napoca** Cluj-Napoca, Romania

Lecturer

2012 – Current

Data Transmission and Discrete Event Systems

● **MSG Romania** Cluj-Napoca, Romania

Lead IT Consultant

2020 – 2023

● **UNIQA Reiffeisen Software Services** Cluj-Napoca, Romania

Senior Software developer

2018 – 2020

● **Frequentis** Cluj-Napoca, Romania

Team Lead Software Developer

2013 – 2018

SKILLS

Fullstack Development | Angular | Java | Php | SQL | JavaScript

CERTIFICATIONS

2015

● **Microsoft Certified Professional: Programming in HTML5 with JavaScript and CSS3**

2016

● **Frequentis AG Certified Leading Expert**

2016

● **Scrum Alliance Certified Scrum Master**

2016

● **Scrum Alliance Certified Product Owner**

LANGUAGE SKILLS

MOTHER TONGUE(S): Romanian

Other language(s):

English

Listening B2

Spoken production B2

Reading B2

Spoken interaction B2

Writing B2

French

Listening A2

Spoken production A2

Reading A2

Spoken interaction A2

Writing A2

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

HONOURS AND AWARDS

2017 Institut Français de Roumanie, Polytech'Nantes

● **Bourse du Gouvernement français - Post-Doc**

PUBLICATIONS

2018

● **[Flying ad hoc network for emergency applications connected to a fog system](#)**

Barolli, L., Xhafa, F., Javaid, N., Spaho, E., Kolici, V. (eds) Advances in Internet, Data & Web Technologies, EIDWT 2018

Authors Dan Radu, Adrian Cretu, Benoit Parrein, Jiazi Yi, Camelia Avram, Adina Astilean, |

Journal Name Lecture Notes on Data Engineering and Communications Technologies | **Volume, Issue and Pages** Vol. 17 |

Publisher Springer

2012

● **[Acoustic noise pollution monitoring in an urban environment using a VANET network](#)**

DRIVING LICENCE

● **Driving Licence: B**

HOBBIES AND INTERESTS

● **Programming, teaching & mentoring, swimming, hiking/climbing, playing guitar**