

INFORMAȚII PERSONALE

Ionel Romeo Petruț


POZIȚIA PENTRU CARE ESTE
PROPUS

Asistent Universitar

08/2017 -prezent

Project Manager

Lasting Software, Republicii 9 Timișoara, România

06/2015 -08/2017

Timisoara Technology Center project manager

Alcatel Lucent Romania SRL, Str. Gheorghe Lazar nr.9, Timișoara, România

07/2013- 06/2015

LTE Release manager

Alcatel Lucent România SRL, Str. Gheorghe Lazăr nr.9, Timișoara, România

08/2014 -06/2015

Program Core Team Lead on WiFi program

Alcatel Lucent România SRL, Str. Gheorghe Lazăr nr.9, Timișoara, România

05/2011 – 06/2015

Small Cell Technical Manager

Alcatel Lucent România SRL, Str. Gheorghe Lazăr nr.9, Timișoara, România

07/2010 - 05/2011

Team Leader

Alcatel Lucent România SRL, Str. Gheorghe Lazăr nr.9, Timișoara, România

07/2006 - 05/2010

System Test Engineer

Alcatel Lucent România SRL, Str. Gheorghe Lazăr nr.9, Timișoara, România

01/2006 - 07/2006

Student Part Time Job

Alcatel Lucent România SRL, Str. Gheorghe Lazăr nr.9, Timișoara, România

EXPERIENȚA PROFESIONALĂ

EDUCAȚIE ȘI FORMARE

2013 – prezent	Doctorand Student doctorand în cadrul IOSUD – Universitatea Politehnică Timișoara, Școala Doctorală de Studii Inginerești, domeniul de doctorat Inginerie electronică telecomunicații și tehnologii informaționale , sub conducerea științifică a Prof.univ.dr.ing. OTEȘTEANU Marius Emil Universitatea Politehnică Timișoara	Nivelul 8 EQF
2006-2008	Diplomă de Masterat Universitatea Politehnică Timișoara, Facultatea de Electronică și Telecomunicații Specializare: Prelucrarea Semnalelor Digitale Adaptive	Nivelul 7 EQF
2001 – 2006	Diplomă de Inginer Universitatea Politehnică Timișoara, Facultatea de Electronică și Telecomunicații Specializarea: Sisteme Integrate de Telecomunicații	Nivelul 6 EQF

Limba(i) maternă(e) Română

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleză	C2	C2	C2	C2	C2
Franceză	A2	A2	A2	A2	A2

Niveluri: A1/A2: Utilizator elementar - B1/B2: Utilizator independent - C1/C2: Utilizator experimentat
Cadru european comun de referință pentru limbi străine

COMPETENTE PERSONALE

Competență digitală

AUTOEVALUARE				
Procesarea informației	Comunicare	Creare de conținut	Securitate	Rezolvarea de probleme
Utilizator experimentat	Utilizator experimentat	Utilizator experimentat	Utilizator experimentat	Utilizator experimentat

Niveluri: Utilizator elementar - Utilizator independent - Utilizator experimentat
Competențele digitale - Grilă de auto-evaluare

- LTE technology – focus on METRO Cell and heterogeneous networks – nivel expert
- WiMAX technology (Alcatel-Lucent implementation) – nivel expert
- WiFi , GSM, EGPRS, WCDMA and VoIP – cunoștințe bune
- RF Tools: Spirent SR5500, Sanjole WaweJuge Analyzer, X-CAL, X-CAP – nivel expert
- TCP-IP, routing, switching, DHCP, DNS, NTP – cunoștințe bune
- RF : Antennae, Propagation, Network planing - cunoștințe bune
- OS: Windows, Solaris and Unix - cunoștințe bune
- MS Office (Word, Excel, PowerPoint, Outlook, Project) – nivel expert

Permis de conducere Categoria B

INFORMATII SUPLIMENTARE

Certificări & Premii

- 2014 - **"Coordonator Practică"** – Ministerul Muncii
- 2013 – **Project Management Professional PMP** (Project Management Institute).
- 2012 - **Project Management MZT865 CODECS**, License 002149
- 2012 - **Relationship Management, Management Effectiveness, Manager as Talent Coach**, Dale Carnegie Training, License 160776
- 2011 - **Bell Labs Teamwork Award** - Recognized for Demonstrating Extraordinary Performance and Role Model Teamwork;
- 2006 - **Solaris Customized Quadros**, License Q000121

Calificări & cursuri

- 2014 - **"Motivational Speech & Presentation Skills"** - Aims Romania
- 2013 - **"People Managers Development Program"** - Aims Romania
- 2012 - **"Relationship Management"** - Dale Carnegie Training
- 2012 - **"Management Effectiveness"** - Dale Carnegie Training
- 2012 - **"Manager as Talent Coach"** - Dale Carnegie Training
- 2012 - **"Project Management Process Framework"** – Codecs Romania
- 2012 - **"Project Management MZT865"** - Codecs Romania
- 2011 - **"Develop High Performance Team"** - Tiba
- 2010 - **"Advanced LTE Networks"** - Sanchar
- 2010 - **"Leading in a Changing Environment"** - Corporate Performance Solutions
- 2010 - **"The Leadership Challenge"** - Corporate Performance Solutions
- 2010 - **"Project Communication Negotiation and Conflict Management"** - Corporate Performance Solutions
- 2010 - **"Relation Management"** - Corporate Performance Solutions
- 2010 - **"Leading people to success"** - Corporate Performance Solutions
- 2010 - **"Activity Management"** - Corporate Performance Solutions
- 2010 - **"LTE Principles"** - Alcatel-Lucent University
- 2009 - **"COUEI tools presentation: X-CAL and X-CAP"** - Couei EMEA
- 2008 - **"Advanced practice on IP for Alcatel Networks"** - ALU University
- 2008 - **"WiMAX from A to Z reloaded"** - Gunner Heine
- 2007 - **"Communication, creativity and problem solving"** – Equilibrium Team
- 2007 - **"Communication and time management"** - Consilium Center
- 2006 - **"Solaris Customized"** - Confidence comes from learning Quadros
- 2006 - **"IP basic"** - Alcatel University Timisoara
- 2006 - **"Introduction to WiMAX technology"** - Alcatel University Timisoara

Publicatii

- D. Calin, A. Ö Kaya and I. Petruț, "On the in-building performance and feasibility of LTE small cells with beamforming capabilities," 2014 IEEE Globecom Workshops (GC Wkshps), Austin, TX, 2014, pp. 1211-1216.
- I. Petruț, M. Otesteanu, C. Balint and G. Budura, "Improved LTE macro layer indoor coverage using small cell technologies," *Electronics and Telecommunications (ISETC), 2014 11th International Symposium on*, Timisoara, 2014, pp. 1-4.
- I. Petruț, M. Otesteanu, C. Balint and G. Budura, "HetNet handover performance analysis based on RSRP vs. RSRQ triggers," *Telecommunications and Signal Processing (TSP), 2015 38th International Conference on*, Prague, 2015, pp. 232-235.
- I. Petruț, M. Otesteanu, C. Balint and G. Budura, "On the uplink performance in LTE Heterogeneous Network," *2016 International Conference on Communications (COMM)*, Bucharest, 2016, pp. 19 194.

- I. Petrut, M. Otesteanu, C. Balint and G. Budura "HetNet Performance Analysis from the eICIC Parameters Perspective" International Symposium on Electronics and Telecommunications (ISETC), 2016 11th, Timisoara, 2016, pp. 67-71
- I. Petrut, M. Otesteanu, "The IoT connectivity challenges" IEEE 12th International Symposium on Applied Computational Intelligence and Informatics, Timisoara, 2018, pp. 385-388
- I. Petrut, M. Otesteanu, C. Balint and G. Budura, " Cluster Capacity Increase through eICIC Technology – An Experimental Analysis," Buletinul Științific al Universității Politehnica Timișoara, Volume 60 (74), Issue 2, 2015
- I. Petrut, R. Poenar, M. Otesteanu, C. Balint, G. Budura, "User Experience Analysis on Real 3G/4G Wireless Networks", Acta Electrotehnica Volume 56, Number 1-2, 2015, pg 131-134
- A.ANPALAGAN Ryerson University, M.BENNIS University of Oulu, R.VANNITHAMBY Intel "Design and Deployment of Small Cell Networks" ISBN: 978 1 107 05671 8 Co-author on chapter 14 "The art of deploying small cells: field trial experiments, system design, performance prediction, and deployment feasibility (Doru Calin, Aliye " Ozge Kaya, Amine Abouliatim, Gonc,alo Ferrada, and Ionel Petrut" pp. 338-363)