

Curriculum Vitae



Personal information

First name / Surname **CRISTINA NICOLETA MAZILU (ȚURCANU)**
Address Dârz, Pitești, Argeș
Telephone +40721587645
E-mail mazilucristinamicoleta@gmail.com
Nationality Romanian
Date of birth 9 March 1985

Education and training

Dates Oct. 2009 – Jul. 2011
Title of qualification awarded Master's degree in Computer Science
Program ADVANCED TECHNIQUES FOR INFORMATION PROCESSING
Name and type of organisation providing education and training **University of Pitești, Faculty of Mathematics and Computer Science, Romania**
Dates Oct. 2004 – Jul. 2008
Title of qualification awarded Honours Degree in Computer Science
Erasmus Scholarship at the Faculty of Computer Science Engineering, 2007
University of Granada, Spain
Name and type of organization providing education and training **University of Pitești, Faculty of Mathematics and Computer Science, Romania**
Dates Sep. 2000 – Jul. 2004
Title of qualification awarded College Diploma in Economy
Name and type of organization providing education and training **Economic College "M. Teiuleanu", Pitești, Romania**

Other courses

Celonis Process Mining Training Certificate (by Celonis) – 2019 Internal
Auditor IATF16949:2016 (training by TÜV Rheinland) – ANPQP (training by Training Center Renault Romania) – 2017 Essential Management
Skills for Optimum Performance – 2013 Project Management – 2013
Quality Assurance in Software Development – 2011
Pedagogical Diploma - Departments for Teacher Training (Ministry of Romanian National Education) -2011

Work experience

Dates	Jan, 2019 – present
Occupation or position held	Adjunct Faculty - School of Mathematical and Computer Sciences
Main activities and responsibilities	<ul style="list-style-type: none">• The delivery, assessment, and associated administration for the undergraduate and postgraduate courses in Computer Science subjects like: Digital and Knowledge Economy, eCommerce, Knowledge Management, Software Development, Praxis.• Provide support for students during office hours and via email whenever it was required.• Use of Canvas system for the administrative duties related to courses and enrolled students.• Marking and supervising student projects and dissertations.
Name and address of employer	Heriot-Watt University
Type of business or sector	Private sector, Education
Dates	Oct. 2016 – Aug. 2018
Occupation or position held	Quality Engineer Customer Liaison & Quality Management System Engineer
Main activities and responsibilities	<ul style="list-style-type: none">• Managing client complaints in the Renault IT portal• Prepare and deliver trainings and presentations when necessary, regarding the changes in procedures and standards which should apply within the organization• Provide support for the affected parties of the policies, procedures or standards in order to be easily understood and applied by others• Ensure timely updated procedures, policies, standards, checklists, in order that the objectives of the organization are met and are according to the international requirements• Ensure compliance with legal and health and safety standards• Delivered superior technical analyses as a result of the detection of non-compliant products using Problem Solving, 8D, 5Why, Ishikawa chart, internal Quality Alerts, for products manufactured or delivered to the final customer• Representing the company image in the relation with the clients by being prompt when responding to requests or enquiries from customers• Conduct quality audits (process audits, 3rd party audits) as well as establishing corrective, preventive and continuous quality improvement actions• Deliver superior customer support by managing and delivering performance analysis and reviews of the replaced parts in the warranty line• Produce timely reports for management and external auditors as requested
Name and address of employer	ADIANT AUTOMOTIVE, Pitești, Romania
Type of business or sector	Private sector, Automotive Industry
Dates	Nov. 2011 – Oct. 2016
Occupation or position held	IT Business Analyst – Logistics systems for Quality Chain
Main activities and responsibilities	<ul style="list-style-type: none">• Identify, promote and deliver solutions by working closely with the IT logistic department• Prepare and deliver trainings for the key-users and users of the IT logistic system• Participate in the development the Global IT Quality System in Dräxlmaier plants• Performing functional and black-box testing of new software versions• Deliver technical documentation for the IT Quality system according to the specifications• Coordination and achievement of trainings for users of the Quality Systems in Dräxlmaier plants• Consulting with clients regarding software needs and gathering requirements for structuring system technical documents for further dissemination with software programmers• Managing incidents from key-users in the plants (questions, problems, requests) and solving or distributing to Dräxlmaier Central Quality or Central IT• Ensuring that the system design fits the needs of the users• Liaison between Business and IT; translating business needs into functional requirements
Name and address of employer	Dräxlmaier Group, Pitești, Romania
Type of business or sector	Private sector, Automotive Industry

Dates	Sep. 2008- Nov. 2011
Occupation or position held	Computer Science Teacher
Main activities and responsibilities	<ul style="list-style-type: none"> • Planning lessons taking full account of students individual learning needs, as well as their individual learning styles, preferences and capabilities • Teaching Applied Information Technology to provide learners with the knowledge and skills to use a range of computer hardware and software to create, manipulate and communicate information in an effective, responsible and informed manner • Applying teaching strategies and approaches for students with multiple learning difficulties and Autistic Spectrum Disorder (ASD) through early identification and intervention, involvement of parents and families in a collaborative partnership and teaching approaches that adopt additional (visual) reinforcement strategies to supplement verbal instruction • Initiating children in the programming languages C and C++ and Microsoft Office Tools • Introduction to web design: HTML, CSS • Developing students' skills and abilities to use IT technology • Contribute to after-school and extra-curricular activities such as International European exchange experience programs – Inter Regio Comenius and Comenius Multilateral International project involving 4 countries: Romania, Poland, Turkey, Latvia • Organizing and plan after-school activities as required
Name and address of employer	Secondary School No.1 Stefanești and Secondary School “I. L. Caragiale”, Pitești, Romania
Type of business or sector	Public sector, Education
Dates	Oct. 2007-April. 2009
Occupation or position held	Web programmer
Main activities and responsibilities	<ul style="list-style-type: none"> • Produce fully functional programs writing clean, testable code • Collaborate with internal teams to identify system requirements based on customer demands • Perform periodical tests and debugging to maximize program efficiency • Implementation of Object-Oriented Programming and web application development • Implementation of web design HTML, XML, CSS • Use of JavaScript web technologies, Ajax • Design and implementation of web applications using ASP.Net/C# • Write and optimize in-application SQL statements
Name and address of employer	ROWEB MEDIA PRODUCTION, Pitești, Romania
Type of business or sector	Private sector, IT industry
Core competences	Microsoft Office ♦ Business Analysis ♦ Process Flow ♦ Relationship Management ♦ Project Management ♦ Team Leadership ♦ Technological Proficiency ♦ Training Presentation Preparation & Delivery ♦ Data Processing ♦ Communication ♦ Continuous Improvement ♦ Root Cause Analysis ♦ Quality Control ♦ Quality Auditing ♦ Quality System ♦ FMEA ♦ ISO ♦ JIT ♦ Lean Manufacturing ♦ ANPQP ♦ Testing ♦ Training ♦ 8D Report ♦ Ishikawa ♦ IATF ♦ 5 Why ♦ Education & Support ♦ Portfolio Management ♦ SQL ♦ C++ ♦ C# ♦ Java ♦ HTML ♦ Object Oriented Programming ♦ ASP.Net ♦ Customer Service ♦ Data Analysis ♦ International Business ♦ Problem Solving ♦ Pedagogy ♦ Inclusive education ♦ Process Mining
Social skills and competences	Ability to adapt to multicultural environments, gained through my Erasmus scholarship in Spain and my work experience in multi-national companies, good communication skills, team spirit
Driving license	Yes, valid in UAE
Mother tongue	Romanian

Other language(s)

Self-assessment

European level (*)

English

Spanish

French

German

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C2	C2	C2
C2	C2	C2	C2	C2
B1	B1	B1	B1	B1
B1	B1	B1	B1	B1

(*) C2 = Mastery, B1 = Threshold

Publications

1. Turcanu, C. N., Informatics for grade III-IV, 100 pag., Tiparg Press, 2010.
2. Turcanu, C. N., Informatics for grade V, 110 pag., Tiparg Press, 2010.
3. Turcanu, C. N., Informatics for grade VI, 96 pag., Tiparg Press, 2010.
4. Mazilu CN (2017) An Event-B to iUML-B mirror modelling study using Rodin, Sci. Bul. of University of Pitesti, ser. Mathematics and Computer Sciences, no. 23, pg. 1-8.
5. Turcanu A, Shaikh T, Mazilu CN (2020) On Model Checking of a Robotic Mechanism. J Robotics Autom 4(1):158-165, <https://scholars.direct/Articles/robotics/jra-4-018.php?jid=robotics>
6. Turcanu (Mazilu), C. N., Process Mining on a Robotic Mechanism (2021), Proceedings of IEEE International Conference on Software Testing, Verification and Validation, <https://icst2021.icmc.usp.br/home/a-most-2021#Accepted-Papers>
7. Turcanu (Mazilu), C. N., Knowledge Models For Software Testing In Robotics (2021). 15th International Conference on Information Technology and Applications (ICITA) – paper accepted in August 2021, to be published in Proceedings of ICITA 2021, Springer, in Lecture Notes in Network System series, https://www.icita.world/files/ICITA_2021.pdf