

PERSONAL INFORMATION

TEREI CARMEN

✉ carmen_terei@yahoo.com

Date of birth 21/01/1982

Nationality Romanian

WORK EXPERIENCE

July 2019 – July 2024

Embedded C/C++ developer/SW tester/Requirements engineer

Arobs Transilvania Software SA, Str. Donath, Nr.11, Bl. M4, Scara 2, Ap.28, Cluj-Napoca

Main activities:

- Software development and maintenance (embedded C/C++)
 - Unit testing (Google test)
 - Development and maintenance of project specific documentation (ORMs, test reports, traceability reports)
 - Requirements engineering (mainly SW): analysis, implementation in DOORS, reviews, clarifications, traceability analysis
 - Provided help on Software Detailed Design for some modules
 - Responsible for ASPICE assessment for SW Requirements Analysis (SWE.1)
 - Preparation of MLC for System Analysis of KGAS items regarding requirements
- Working with: Visual Studio (C/C++), GoogleTest, Testwell CTC++, DOORS, Sourcetree, Tracelt, MKS Integrity, Jira, Confluence, Squore, Jazz

October 2016 – July 2018

Life insurance consultant

NN Asigurari de Viata, Blvd. Revolutiei, nr. 56, Arad

March 2008 – September 2016

Teaching assistant

"Aurel Vlaicu" University, Faculty of Exact Sciences, Department of Mathematics-Informatics, Str. Elena Dragoi St., No. 2, Complex Universitar M, Arad, Romania

Main activities: Teaching Informatics courses to the students (introduction in programming, algorithms, data structures, object oriented programming – C/C#/Java),
 Research – author and co-author of several C/C#/Java books and articles on the C language, C#, cloud technology.

October 2004 – March 2008

Teaching preparateur

"Aurel Vlaicu" University, Faculty of Exact Sciences, Department of Mathematics-Informatics, Str. Elena Dragoi St., No. 2, Complex Universitar M, Arad, Romania

Main activities: Teaching Informatics courses to the students, Research.

EDUCATION AND TRAINING

- October 2013 –September 2016 **Phd student – Design and analysis of big data (data classification)**
West University, Faculty of Mathematics and Informatics,
Vasile Parvan St., No.4, Timisoara, Romania
- October 2004 – March 2006 **Master Degree in Informatics**
"Aurel Vlaicu" University, Faculty of Economics,
Elena Dragoi St., No. 2, Complex Universitar M, Arad, Romania
- October 2000 – June 2004 **Bachelor Degree in Informatics**
West University, Faculty of Mathematics and Informatics,
Vasile Parvan St., No.4, Timisoara, Romania
- Sept 1996 – June 2000 **Highschool Degree**
"Moise Nicoara" Highschool, Arad, Romania

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

| | UNDERSTANDING | | SPEAKING | | WRITING |
|---|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | C1 | C1 | C1 | B2 | C1 |
| French | B1 | B1 | B1 | A2 | B1 |
| Other languages: Spanish(A2), Italian(A2) | | | | | |

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills ▪ good communication skills gained through my experience as a teacher and teamwork in the automotive projects

Organisational / managerial skills ▪ leadership

Job-related skills ▪ good planning skills acquired together with the teaching experience and the automotive projects
▪ results oriented, positive, team oriented, creative, resilient

- Computer skills
- Microsoft Office™ tools
 - advanced Windows and beginner Linux user
 - Java, C# programming languages
 - databases (MySQL)
 - web pages (HTML, CSS)
 - editing software: Latex
 - mathematical software (MathCad)
 - Embedded C/C++
 - Visual Studio
 - Unit Testing (Google test)
 - Testwell CTC++
 - Atlassian Jira, Confluence
 - IBM Rational DOORS
 - Git (Sourcetree)
 - Integrity MKS
 - Tracelt
 - Square
 - Docker/Kubernetes/OpenLens
- Several personal projects using mainly Java and MySQL.

Date:
15 September 2024