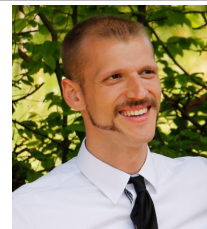


REI SILVIU MIHAI

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Date of Birth: November, 17th, 1982

Education:

1. **PhD in Industrial Engineering – In Progress (2015 – 2018)**, Faculty of Engineering “Hermann Oberth”, Lucian Blaga University of Sibiu (ULBS), Romania. Research Topic: “Developing an Algorithm and Device to Determine the Size Distribution for Nano and Micro Particles in a Fluid by Using Dynamic Light Scattering Time Series Analysis”. 14 Research Papers published so far. PhD and scholarship funded by Romanian Government due to the results at admission exam.
2. **Master in Computer Sciences**, Faculty of Engineering “Hermann Oberth”, Lucian Blaga University of Sibiu (ULBS), Romania. Graduation thesis: “Implementation of a Data Acquisition System with Microcontroller ATMega328” (Thesis graduation Mark: 10, on a scale from 0 to 10)
3. **Diploma (Master of Sciences Equivalent) in Physics and Chemistry** (highest honors, top of the class), Faculty of Sciences , Lucian Blaga University of Sibiu (ULBS), Romania. Graduation thesis: “Variational Quantum Monte Carlo Applied on Harmonic Oscillator Energy Levels” (Matlab source code). (Diploma exam graduation mark: 10, All years average mark : 9.85, on a scale from 0 to 10).
4. **High School Baccalaureate** (honors), National College “Gh. Lazar”, Sibiu.

Professional experience:

2018 – Present: Segment Manager, Head of BU R&D SIB Segment Cross Function System Test (166 employees)

Additional Roles:

- Head of Lead Test Centers Worldwide (12 Lead Test Centers located in: Regensburg, Sibiu, Markdorf, Timisoara, Iasi, Shanghai) + Head of Lead Test Center Network Devices
- Project Manager Research Projects at University: University “Lucian Blaga” Sibiu – Offline Analysis Tool

Current responsibilities and tasks:

- R&D Management Team Member - Sibiu
- Leading a group of ~160 employees (CFST SIB), working in the field of Research and Development Automotive System Test, Test Platform & Manufacturing Test Support
- Key member and specialist in the worldwide testing organization

2012 – 2018: Group Leader, Research and Development, Continental Automotive System, Sibiu.(~60 employees)

Additional Roles:

- 2016 – present: Lead Test Center Head Network Devices (Worldwide Role)

- 2012 – 2015: Leader Test Management Community Body and Security Worldwide
- 2012 – 2016: Local Test Manager BMW BDC (Body and GW functionality part)

Responsibilities and tasks:

- R&D Management for a group of 60 engineers (System Test & Test Manufacturing Support)
- SIB R&D Management Team Member
- Key member and specialist in the worldwide testing organization

2007 – 2012: Team Leader (additional roles: Test Manager, Development Test Engineer, Requirement Manager), Research and Development, Continental Automotive System, Sibiu.

2005 – 2007: Development Test Engineer, Continental Automotive Systems, Sibiu.

Skills and Knowledge:

Language Skills:

- Romanian : native speaker
- English : good (B2 level)
- French – basic

Non – technical skills and knowledge:

- R&D Management & Leadership > 10 years Team/Group leading, 3 years leading a Worldwide team of Test Management experts, 7 years technical leadership on BMW projects, 1 year remote coordination/mentoring/coaching a team (ramping up Singapore Test Management for BCMs).
- Customer Experience (OEMs: BMW, Daimler, Porsche, Audi)
- Project Management

Technical Skills and Knowledge:

- Test Management (performed for >8 years in the Automotive domain - full responsibility, main customer BMW, projects: BMW FRM3, BMW BDC)
- Test Engineering (performed for >6 years in areas related to Automotive: Body Control Modules, Door Control Modules, main customers: BMW, Daimler, projects: Daimler Actros MP3, Daimler Actros S3P, Fiat Lames)
- Requirement Engineering (performed for ~2 years in Automotive domain, project: BMW FRM3)
- Test Automation programming: CAPL, CANoe, NI TestStand
- Requirement Engineering Tools: DOORS, DXL programming
- Error Management (usage of tools like: Merant Tracker, MKS, JIRA, QC)
- Knowledge of communication protocols used in Automotive: CAN, LIN, Ethernet
- Knowledge of Testing Methods and Techniques
- Basic knowledge in Linux OS

- Average knowledge in Python, C, Assembler, Matlab
- Knowledge in microcontrollers
- basic C# programming
- basic PHP/SQL/HTML/JavaScript programming
- Physics with focus on Theoretical Physics: Classical Mechanics, Quantum Mechanics, Electrodynamics, Special and General Relativity, Classical Field Theory

Other skills:

- Driving License Class B (vehicles < 3500 kg)

Research Interests:

- Random Testing (Automotive), Risk Based Test Strategy, Chaotic Systems
- Programming, Embedded Programming
- Theoretical Physics, Experimental Physics, Computational Physics

Hobbies:

- Physics
- Chess
- Sports
- Computers