

Short-CV

Name and Last Name: Amir Garmabaki

Date of Birth 1977

Age: 39, Male

Title: Assistant Professor, PhD

Organization: Luleå University of Technology

Research Area: Software Reliability, Maintenance Engineering, Predictive Analytics, Risk and Reliability Modelling, Programming

Division: Operation, Maintenance and Acoustics

Department: Department of Civil, Environmental and Natural Resources Engineering

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Currently I am working as Assistant Professor at Division of Operation & Maintenance Engineering, Lulea University of Technology, Sweden. Earlier, I was researcher during Aug 2013-2017 in the same division. I have been participated in several Swedish and EU research projects, within the areas of automation, software reliability, and maintenance program development. I have published a number of papers in peer-reviewed journals and conferences. My main research interests revolve around optimization aspects of RAMs, software reliability, maintenance modelling, reliability analysis, remaining useful life estimation, reliability data management, software cost modelling, and successive generation of technology. I have more than 15 years of experience as a faculty member and taught & developed several courses, with special reference to software engineering, optimization techniques, and operation and maintenance engineering.

Professional preparation

- PhD degree in Software Reliability Engineering (2013), University of Delhi, India.
- M.Sc. Applied Mathematics (Operational Research) (2002), University of Kerman, Iran.
- B.Sc. Mathematics (2000), Islamic Azad University, Iran.

National and international projects

Project	Task and contribution	Duration
Design of Fuzzy Programming Software	Leader for IAU, Fuzzy Programming	2007-2009
Enhanced Life Cycle Assessment for Performance-Based Logistics	Researcher, maintenance modelling and optimization of fleet of asset.	2013-2014
Multi up-gradation Software Reliability for Open Source Software	Project Manager: Software Reliability modelling, Data cleaning	2013-2014
Efficient Performance Based Air Vehicle Maintenance	Researcher, reliability and maintenance modelling of fleet of asset.	2013-2016
INFRALERT, EU	Researcher, Participant in maintenance modelling, optimization	2015-2018
InfraSweden 2030: Underground pipelines and railway infrastructure	Leader, -Analysing Failure mode and consequences and restrictions	2016-2018

Publications

<http://www.ltu.se/staff/a/amigar-1.108587?l=en>