Faezeh KHORRAM
Ph.D. in Computer Science

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💡 INTERESTS

> Model-Driven Engineering (MDE)
> Domain-Specific Languages (DSL)
> Debugging and Testing Models
> Software Testing

🎓 EDUCATION

2019 - 2022	**PhD in Computer Science**
	Department of Automation, Production and Computer Sciences, IMT Atlantique, Nantes, France.
2016 - 2019	**MSc in Software Engineering**
	Department of Computer Engineering, Sharif University of Technology, Tehran, Iran
2012 - 2016	**BSc in Software Engineering**
	Department of Computer Engineering, Shahrood University of Technology, Shahrood, Semnan, Iran
	Graduated with honors

🎓 RESEARCH EXPERIENCE

Publications

> **Faezeh Khorram**, Erwan Bousse, Antonio Garmendía, Jean-Marie Mottu, Gerson Sunye, Manuel Wimmer. From Coverage Computation to Fault Localization : A Generic Framework for Domain-Specific Languages. Proceedings of the 15th ACM SIGPLAN International Conference on Software Language Engineering (SLE), 2022.

> **Faezeh Khorram**, Erwan Bousse, Jean-Marie Mottu, Gerson Sunyé, Pablo Gómez-Abajo, Pablo C.Cañizares, Esther Guerra, Juan de Lara. Automatic Test Amplification for Executable Models. Proceedings of the ACM/IEEE 25th International Conference on Model Driven Engineering Languages and Systems (MODELS), 2022.

> **Faezeh Khorram**, Erwan Bousse, Jean-Marie Mottu, Gerson Sunyé.Advanced Testing and Debugging Support for Reactive Executable DSLs. *Software and Systems Modeling*, 2022.

> **Faezeh Khorram**, Erwan Bousse, Jean-Marie Mottu, Gerson Sunyé. Adapting TDL to Provide Testing Support for Executable DSLs. *The Journal of Object Technology*, 20(3), pp.6:1-15, 2021.

> **Faezeh Khorram**, Masoumeh Taromirad, Raman Ramsin. SeGa4Biz : Model-Driven Framework for Developing Serious Games for Business Processes. In proceedings of the 9th International Conference on Model-Driven Engineering and Software Development (MODELSWARD 2021), 2021, Virtual.

> **Faezeh Khorram**, Jean-Marie Mottu, Gerson Sunyé. Challenges & Opportunities in Low-Code Testing. Proceedings of the 23rd ACM/IEEE International Conference on Model Driven Engineering Languages and Systems : Companion Proceedings, 2020, Virtual.

Dissertations

Oct 2019 - Dec 2022	**PhD Thesis :** A Testing Framework for Executable Domain-Specific Languages
	Under Supervision of Prof. Gerson Sunyé, Dr. Jean-Marie Mottu, and Dr. Erwan Bousse
2017 – 2019	**MSc Thesis :** Model-Driven Methodology for developing Serious games in the context of Business Processes
	Under Supervision of Dr. Raman Ramsin

Collaborations

Feb - May 2022	**Visiting Researcher at Universidad Autónoma de Madrid (UAM)**
	Collaborative research on test amplification in the context of executable DSLs
	Working with Dr. Pablo Gómez-Abajo under supervision of Prof. Juan de Lara and Prof. Esther Guerra
	Miso research group of UAM University (Madrid, Spain)
Oct - Dec 2021	**Visiting Researcher at Johannes Kepler University (JKU)**
	Collaborative research on coverage computation and fault localization of executable models
	Wording with Dr. Antonio Garmendia under supervision of Prof. Manuel Wimmer
	Department of Business Informatics – Software Engineering (WIN-SE) at JKU University (Linz, Austria)

💼 Outreach and Volunteering

Summer 2022	External reviewer of the 25th international conference on Model-Driven Engineering Languages and Systems (MODELS'22)
Summer 2022	Program committee member of the Tools & Demonstration track of the MODELS'22 conference
Summer 2022	Organizing committee member of the Modeling Language Engineering (MLE) Workshop, co-located with MDOELS'22 conference
Summer 2022	Student Volunteer in the Software Technologies : Applications and Foundations conference (STAF)
Fall 2021	Student Volunteer in the 24th international conference on Model-Driven Engineering Languages and Systems (MODELS) – Virtual
Spring 2021	External reviewer of the 36th ACM/SIGAPP Symposium On Applied Computing (SAC) conference
Summer 2020	External reviewer of the 23rd international conference on Model-Driven Engineering Languages and Systems (MODELS)
Summer 2018	Participant in Cornel- Maryland- Max Planck Pre-Doctoral Research School
	Max Planck Institute for Software Systems, Saarbrucken, Germany
Summer 2017	Participant in the International Business Analysis Summer School
	Polytechnic University, St. Petersburg, Russia

🎓 Honors and Awards

Spring 2021	Best Paper Award from 17th European Conference on Modeling Foundations and Applications (ECMFA)
Fall 2019	Ranked 6th out of 26 MSc graduates of Software Engineering
Spring 2018	Member of Iran's National Elites Foundation (INEF)
Summer 2016	Ranked 31st out of more than 15000 participants
	in the Nationwide University Entrance exam for graduate studies in Software Engineering
Spring 2016	Ranked First out of 55 BSc graduates of Software Engineering
Spring 2016	Ranked 2nd out of 50 participants in the first round of Academic Student Olympiad in Software Engineering

🎓 Teaching and Mentoring

Fall 2022	Teaching "Executable Modeling"
	IMT Atlantique ; Instructor : Dr. Massimo Tisi
Spring 2018	Teaching Assistant for "Patterns in Software Engineering"
	Sharif University of Technology ; Instructor : Dr. Raman Ramsin
Fall 2017	Teaching Assistant for "Software Development Methodologies"
	Sharif University of Technology ; Instructor : Dr. Raman Ramsin

▤ COMPUTER SKILLS

Languages	Java, ATL, Epsilon, OCL, Xtend, UML, BPMN, XML, SQL, TDL
Frameworks	Eclipse Modeling Framework (EMF), Low-Code Development Platforms (LCDPs)
Development Tools	Eclipse ecosystem, GEMOC studio, Git, Visual Studio Code, JUnit, Mendix LCDP
Writing Tools	LaTeX, Microsoft Office (Word, Excel, PowerPoint)

</> Language Skills

Persian ●●●●●
English ●●●●○
French   ●●○○○

➕ Hobbies

> Sport especially volleyball
> Illustration
> Watching movies