

Ronnie de Souza Santos, PhD

Calgary, AB, Canada

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SUMMARY OF ACHIEVEMENT

- Published more than 50 peer-reviewed papers.
- NSERC Discovery Grant of \$130,000.00 awarded.
- Received four best paper awards and one nomination, including the 16th International Conference on Cooperative and Human Aspects of Software Engineering (CHASE 2023), the 44th International Conference on Software Engineering (ICSE 2022 - Distinguished Paper Nomination), and the 20th International Conference on Evaluation and Assessment in Software Engineering (EASE 2016).
- Received Distinguished Reviewer Awards from the International Conference on Software Engineering and the International Conference on Cooperative and Human Aspects of Software Engineering.
- General Co-Chair of the 1st International Workshop on Fairness in Software Systems (Fairness'2025)
- Program Co-Chair at the 18th International Conference on Cooperative and Human Aspects of Software Engineering (CHASE 2025).
- Sustainability Chair at the 47th International Conference on Software Engineering (ICSE 2025).
- Diversity, Equity, and Inclusion Chair at the 46th International Conference on Software Engineering (ICSE 2024), the 40th International Conference on Software Maintenance and Evolution (ICSME 2024), and the 18th IEEE International Conference on Software Testing, Verification and Validation (ICST 2025).
- Member of the program committee of several international conferences on Software Engineering, and ad hoc reviewer for leading journals, including Empirical Software Engineering, IEEE Software, and IEEE Transactions on Software Engineering.
- Invited keynote to talk about improving equity, diversity, and inclusion in software engineering at Google.

EDUCATION

Ph.D. in Computer Science, 2019

Federal University of Pernambuco, Brazil

Dissertation Title: Job Rotation in Software Engineering: Theory and Practice

Educational Credential Assessment by the University of Toronto

MSc. in Computer Science, 2015

Federal University of Pernambuco, Brazil

Dissertation Title: The Influence of Job Rotation on the Motivation and Satisfaction of Software Engineers

BSc in Information Systems 2012

Federal Rural University of Pernambuco, Brazil

WORK EXPERIENCE

Academic Experience

Assistant Professor (Software Engineering), 09/2023–present

University of Calgary, Canada
Department of Electrical and Software Engineering

Adjunct Professor (Software Engineering), 07/2022–present

CESAR School, Brazil

Assistant Professor (Business Analytics), 07/2022–08/2023

Cape Breton University, Canada
Shannon School of Business

Postdoctoral Researcher (Software Engineering), 09/2020–07/2022

Dalhousie University, Canada
Faculty of Computer Science

Instructor/Lecturer, 01/2021– 08/2022

Dalhousie University, Canada
Faculty of Computer Science

Instructor/Lecturer, 07/2020–10/2022

CESAR School, Brazil
Agile Testing Program

Instructor/Lecturer, 01/2020–04/2020

Carleton University, Canada
Department of Systems and Computer Engineering

Postdoctoral Researcher, 10/2019–08/2020

Carleton University
Department of Systems and Computer Engineering

Visiting Researcher, 01/2017–07/2017

Western University, Canada
Department of Electrical and Computer Engineering

Software Industry

Inclusion and Diversity Committee Member, 02/2022–09/2022

Recife Center for Advanced Studies and Systems (CESAR), Brazil

Software QA, 02/2020–06/2022

Recife Center for Advanced Studies and Systems (CESAR), Brazil

QA Contractor, 09/2018–10/2019

Motorola Mobility, Brazil

Software Test Engineer, 03/2018–09/2018

Stefanini Document Solutions, Brazil

RESEARCH

My research focuses on software development, including creating processes and practices to support software professionals and companies.

Journal Articles

1. **Ronnie de Souza Santos**; Felipe Fronchetti; Sávio Freire; Rodrigo Spinola. Software Fairness Debt: Building a Research Agenda for Addressing Bias in AI Systems. In: ACM Transactions on Software Engineering and Methodology (TOSEM).
2. **Ronnie de Souza Santos**, Cleyton de Magalhaes, Cesar Franca. Hybrid Work Well-being: Software Professionals Finding Equilibrium. In: IEEE Software - Special Issue on the Wellbeing for Resilience (2024).
3. **Ronnie de Souza Santos**; Paul Ralph; Arham Arshad; Klaas-Jan Stol. Distributed Scrum: A Case Meta-Analysis. In: ACM Computing Surveys. (2023)
4. **Ronnie de Souza Santos**; Luiz Fernando Capretz; Cleyton de Magalhaes; Rodrigo Souza. Myths and Facts about a Career in Software Testing: A Comparison between Students' Beliefs and Professionals' Experience. In: IEEE Software - Special Issue on Developing your Software Engineering Career. (2023)
5. **Ronnie de Souza Santos**; Brody Stuart-Verner; Cleyton de Magalhaes. What do Transgender Software Professionals say about a Career in the Software Industry? In: IEEE Software - Special Issue on Developing your Software Engineering Career. (2023)
6. **Ronnie E. S. Santos**; Fabio Q. B. da Silva; Maria Teresa Baldassare, Cleyton V. C. Magalhães. "Benefits and limitations of project-to-project job rotation in software organizations: A synthesis of evidence." Information and Software Technology 89 (2017): 78-96.
7. **Ronnie E. S. Santos**. "Uses, Benefits, and Limitations of Job Rotation in Software Engineering. ACM SIGSOFT Software Engineering Notes 41, no. 6 (2017): 1-6.
8. Cleyton V. C. Magalhães; Fabio Q. B. da Silva; **Ronnie E. S. Santos**; Marcos Suassuna. Investigations about replicating empirical studies in software engineering: A systematic mapping study. Information and Software Technology, v. 64, p. 76-101, 2015.

Conference Papers and Proceedings

9. Sonja M. Hyrynsalmi; Grischa Liebel; **Ronnie de Souza Santos**; Sebastian Baltés. Not Real or Too Soft? On the Challenges of Publishing Interdisciplinary Software Engineering Research. In: 47th IEEE/ACM International Conference on Software Engineering (ICSE 2025).
10. Matheus Marinho Leça; **Ronnie de Souza Santos**. Curious, Critical Thinker, Empathetic, and Ethically Responsible: Essential Soft Skills for Data Scientists in Software Engineering. In: 47th IEEE/ACM International Conference on Software Engineering (ICSE 2025).
11. Matheus Marinho Leça; **Ronnie de Souza Santos**. Responsible AI in the Software Industry: A Practitioner-Centered Perspective. In: 3rd Workshop on Responsible AI Engineering, co-located with the 47th IEEE/ACM International Conference on Software Engineering (ICSE 2025).
12. Breno Felix de Sousa; **Ronnie de Souza Santos**; Kiev Gama. Integrating Positionality Statements in Empirical Software Engineering Research. In: 2nd Workshop on Methodological Issues in Empirical Software Engineering, co-located with the 47th IEEE/ACM International Conference on Software Engineering (ICSE 2025).
13. Matheus de Moraes Leça; Lucas Valença; Reyne Santos; **Ronnie de Souza Santos**. Applications and Implications of Large Language Models in Qualitative Analysis: A New Frontier for Empirical Software Engineering. In: 2nd Workshop on Methodological Issues in Empirical Software Engineering, co-located with the 47th IEEE/ACM International Conference on Software Engineering (ICSE 2025).
14. **Ronnie de Souza Santos**; Italo Santos; Robson Santos; Cleyton Magalhães. Diversity in Software Engineering Education: Exploring Motivations, Influences, and Role Models Among Undergraduate Students. In: 37th IEEE Conference on Software Engineering Education and Training (CSEE&T 2025), co-located with the 47th IEEE/ACM International Conference on Software Engineering (ICSE 2025).

15. Fardin Aryan; Lucas Valença; **Ronnie de Souza Santos**. Exploring Fairness Debt Through Evidence from Studies on Algorithmic Discrimination. In: ACM/IEEE International Conference on Technical Debt (TechDebt 2025).
16. **Ronnie de Souza Santos**; Italo Santos; Robson Santos; Cleyton Magalhães. Hidden Figures in Software Engineering: A Replication Study Exploring Undergraduate Software Students' Awareness of Distinguished Scientists from Underrepresented Groups. In: 32nd IEEE International Conference on Software Analysis, Evolution and Reengineering (SANER 2025).
17. Matheus Marinho Leça; **Ronnie de Souza Santos**. Towards User-Focused Cross-Domain Testing: Disentangling Accessibility, Usability, and Fairness. In: Workshop on Software Quality Assurance for Artificial Intelligence (SQA4AI), co-located with the 32nd IEEE International Conference on Software Analysis, Evolution and Reengineering (SANER 2025).
18. **Ronnie de Souza Santos**; Felipe Franchetti; Savio Freire; Rodrigo Spinola. Software Fairness Debt. In: 2030 Software Engineering Workshop (SE2030).
19. **Ronnie de Souza Santos**; Cleyton Magalhães; Robson Santos; Jorge Correia-Neto. Exploring Hybrid Work Realities: A Case Study with Software Professionals From Underrepresented Groups. In: ACM International Conference on the Foundations of Software Engineering (FSE 2024).
20. Kleice Silva; Ann Barcomb; **Ronnie de Souza Santos**. Paths to Testing: Why Women Enter and Remain in Software Testing? In: ACM International Conference on the Foundations of Software Engineering (FSE 2024).
21. Tatalina Oliveira; Ann Barcomb; **Ronnie de Souza Santos**; Helda Barros; Maria Teresa Baldassarre; Cesar Franca. Navigating the Path of Women in Software Engineering: From Academia to Industry. In: 46th International Conference on Software Engineering (ICSE 2024).
22. Ramandeep Singh Dehal; Mehak Sharma; **Ronnie de Souza Santos**. Exposing Algorithmic Discrimination and Its Consequences in Modern Society: Insights from a Scoping Study. In: 46th International Conference on Software Engineering (ICSE 2024).
23. **Ronnie de Souza Santos**; Willian Grillo; Djafran Cabral; Catarina de Castro; Nicole Albuquerque; Cesar Franca. Post-Pandemic Hybrid Work in Software Companies: Findings from an Industrial Case Study. In: 17th International Conference on Cooperative and Human Aspects of Software Engineering (CHASE 2024).
24. Fernando Padoan; **Ronnie de Souza Santos**; Rodrigo Pessoa Medeiros. Charting a Path to Efficient Onboarding: The Role of Software Visualization. In: 17th International Conference on Cooperative and Human Aspects of Software Engineering (CHASE 2024).
25. **Ronnie de Souza Santos**; Kiev Gama. Hidden Populations in Software Engineering: Challenges, Lessons Learned, and Opportunities. In: 1st International Workshop on Methodological Issues with Empirical Studies in Software Engineering (WSESE2024).
26. Robson Santos; Italo Santos; Cleyton Magalhães; **Ronnie de Souza Santos**. Are We Testing or Being Tested? Exploring the Practical Applications of Large Language Models in Software Testing. In: 17th IEEE International Conference on Software Testing, Verification and Validation (ICST 2024).
27. Lucas Neves; Oscar Campos; Robson Santos; Cleyton Magalhães; Italo Santos; **Ronnie de Souza Santos**. Elevating Software Quality in Agile Environments: The Role of Testing Professionals in Unit Testing. In: 17th IEEE International Conference on Software Testing, Verification and Validation (ICST 2024).
28. **Ronnie de Souza Santos**; Luiz Fernando de Lima; Maria Teresa Baldassarre; Rodrigo Spínola. Preliminary Insights on Industry Practices for Addressing Fairness Debt. In: 18th ACM/IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM 2024).
29. Thanh Nguyen; Maria Teresa Baldassarre; Luiz Fernando de Lima; **Ronnie de Souza Santos**. From Literature to Practice: Exploring Fairness Testing Tools for the Software Industry Adoption. In: 18th ACM/IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM 2024).
30. Felipe Jansen; **Ronnie de Souza Santos**. Remote Communication Trends Among Developers and Testers in Post-Pandemic Work Environments. In: 40th International Conference on Software Maintenance and Evolution (ICSME 2024).
31. Danilo Lima; **Ronnie de Souza Santos**; Guilherme Pires; Sildemir Silva; Cesar Franca; Luiz Fernando Capretz. Software Testing and Code Refactoring: A Survey with Practitioners. In: 39th IEEE International Conference on Software Maintenance and Evolution (ICSME 2023).
32. **Ronnie de Souza Santos**; Luiz Fernando de Lima; Cleyton Magalhães. The Perspective of Software Professionals about Algorithmic Racism. In: International Symposium on Empirical Software Engineering and Measurement (ESEM 2023).
33. Gustavo da Silva; **Ronnie de Souza Santos**. Comparing Mobile Testing Tools Using Documentary Analysis. In: International Symposium on Empirical Software Engineering and Measurement (ESEM 2023).

34. **Ronnie de Souza Santos**; Gianisa Adisaputri; Paul Ralph. Post-pandemic Resilience of Hybrid Software Teams. In: 16th International Conference on Cooperative and Human Aspects of Software Engineering (2023).
35. **Ronnie de Souza Santos**; Brody Stuart-Verner; Cleyton de Magalhaes. LGBTQIA+ (In)Visibility in Computer Science and Software Engineering Education. In: 16th International Conference on Cooperative and Human Aspects of Software Engineering (2023).
36. **Ronnie de Souza Santos**; Brody Stuart-Verner; Cleyton de Magalhaes. Diversity in Software Engineering: A Survey about Computer Scientists from Underrepresented Groups. In: 16th International Conference on Cooperative and Human Aspects of Software Engineering (2023).
37. **Ronnie de Souza Santos**; Cleyton de Magalhaes, Paul Ralph. (2023). Benefits and Limitations of Remote Work to LGBTQIA+ Software Professionals. In: 45th International Conference on Software Engineering (ICSE 2023).
38. **Ronnie E. de Souza Santos**; Paul Ralph. (2022). Practices to Improve Teamwork in Software Development During the COVID-19 Pandemic: An Ethnographic Study. In: Proceedings of the 15th International Conference on Cooperative and Human Aspects of Software Engineering (CHASE 2022).
39. **Ronnie E. de Souza Santos**; Paul Ralph. (2022). A Grounded Theory of Coordination in Remote-First and Hybrid Software Teams. In: 44th International Conference on Software Engineering (ICSE 2022).
40. Rodrigo C. Souza; **Ronnie E. S. Santos**; Luiz Fernando Capretz; Cleyton V. C. Magalhães. (2022) Roadblocks to Attracting Students to Software Testing Careers: Comparisons of Replicated Studies. In: Proceedings of the 15th International Conference on the Quality of Information and Communications Technology (QUATIC 2022).
41. Cleyton V. C. Magalhães; Fabio Q. B. da Silva; **Ronnie E. de Souza Santos**. (2022). The Role of Job Specialization in the Software Industry. In: The 2022 International Conference on Information Technology & Systems (ICITS 2022).
42. **Ronnie E. S. Santos**; J. Rafael Cordeiro; Yvan Labiche; Cleyton V. C. Magalhães; Fabio Q. B. da Silva. (2020) Bug! Falha! Bachi! Fallo! Défaul! 程序错误! What about Internationalization Testing in the Software Industry? In: 14th International Symposium on Empirical Software Engineering and Measurement (ESEM 2020).
43. **Ronnie E. S. Santos**; Maria Teresa Baldassarre; Fabio Q. B. da Silva; Cleyton V. C. Magalhães; Luiz Fernando Capretz; Jorge S. Correia-Neto. (2019) Work Design and Job Rotation in Software Engineering: Results from an Industrial Study. In: 12th International Workshop on Cooperative and Human Aspects of Software Engineering. (CHASE 2019)
44. **Ronnie E. S. Santos**; Ayse Basar Bener; Maria Teresa Baldassarre; Cleyton V. C. Magalhães; Jorge S. Correia-Neto; Fabio Q. B. da Silva. (2019) Mind the Gap: Are Practitioners and Researchers in Software Testing Speaking the Same Language? In: Joint International Workshop on Conducting Empirical Studies in Industry and 6th International Workshop on Software Engineering Research and Industrial Practice.
45. **Ronnie E. S. Santos**; Cleyton V. C. Magalhães; Luiz F. Capretz ; Jorge S. Correia-Neto; Fabio Q. B. da Silva; Abdelrahman Saher. (2018) Computer Games Are Serious Business and so is their Quality: Particularities of Software Testing in Game Development from the Perspective of Practitioners. In: 12th International Symposium on Empirical Software Engineering and Measurement (ESEM 2018).
46. **Ronnie E. S. Santos**; Cleyton V. C. Magalhães; Jorge S. Correia-Neto; Fabio Q. B. da Silva; Luiz F. Capretz; Rodrigo C. Souza. (2017) Would You Like to Motivate Software Testers? Ask Them How. In: 11th International Symposium on Empirical Software Engineering and Measurement (ESEM 2017).
47. **Ronnie E. S. Santos**; Cleyton V. C. Magalhães; Fabio Q. B. da Silva. (2017). Member Checking in Software Engineering Research: Lessons Learned from an Industrial Case Study. In: 11th International Symposium on Empirical Software Engineering and Measurement.
48. Bruno Cartaxo; Gustavo Pinto; Danilo Monteiro Ribeiro; Fernando Kenji Kamei; **Ronnie E. S. Santos**; Sérgio Soares; Fabio Q. B. da Silva. (2017). Using Q&A Websites as a Method for Assessing Systematic Reviews. In: Working Conference on Mining Software Repositories (MSR 2017).
49. **Ronnie E. S. Santos**; Fabio Q. B. da Silva; Cleyton V. C. Magalhães; Cleviton V. F. Monteiro (2016). Building a Theory of Job Rotation in Software Engineering from an Instrumental Case Study. In:

International Conference on Software Engineering (ICSE). Proceedings of the 38th International Conference on Software Engineering, 2016.

50. **Ronnie E. S. Santos**; Fabio Q. B. da Silva; Cleyton V. C. Magalhães. (2016). Benefits and Limitations of Job Rotation in Software Organizations: A Systematic Literature Review. In: International Conference on Evaluation and Assessment in Software Engineering (EASE 2016), 2016.
51. Fabio Q. B. da Silva; A. Cesar C. França; Cleyton V. C. Magalhães; **Ronnie E. S. Santos**. (2016) Preliminary Findings about the Nature of Work in Software Engineering: An Exploratory Survey. In: International Symposium on Empirical Software Engineering and Measurement (ESEM 2016).
52. **Ronnie E. S. Santos**. (2016). Uses, Benefits, and Limitations of Job Rotation in Software Engineering. In: 14th International Doctoral Symposium on Empirical Software Engineering.
53. Roberta M. M. Bezerra; Fabio Q. B. da Silva; SANTANA, A. M.; Cleyton V. C. Magalhães; **Ronnie E. S. Santos**. (2015). Replication of Empirical Studies in Software Engineering: An Update of a Systematic Mapping Study. In: International Symposium on Empirical Software Engineering and Measurement (ESEM 2015).
54. Jorge S. Correia-Neto; Jairo S. Dornelas; **Ronnie E. S. Santos**; Cleyton V. C. Magalhães; VILAR, G. (2015). Where are the collaboration models? Findings from a Systematic Mapping Study. In: Simpósio Brasileiro de Sistemas Colaborativos (SBSC 2015).
55. **Ronnie E. S. Santos**; Cleyton V. C. Magalhães; Fabio Q. B. da Silva. (2014). The use of systematic reviews in evidence-based software engineering. In: International Symposium on Empirical Software Engineering and Measurement (ESEM 2014).
56. Cleyton V. C. Magalhães; Fabio Q. B. da Silva; **Ronnie E. S. Santos**. (2014). Investigations about replication of empirical studies in Software Engineering: Preliminary Findings from a Mapping Study. In: International Conference on Evaluation and Assessment in Software Engineering (EASE 2014).
57. **Ronnie E. S. Santos**; Fabio Q. B. da Silva. (2013). Motivation to Perform Systematic Reviews and their Impact on Software Engineering Practice. In: International Symposium on Empirical Software Engineering and Measurement (ESEM 2013).

Thesis and Project Supervision

SE-ALL, short for the Software Engineering for All Lab, is my lab where we concentrate on exploring the human aspects embedded within software engineering. This includes research areas such as software development practices, software project management, software testing, and the integration of Equity, Diversity, and Inclusion within software engineering.

Under Supervision

1. Matheus Marinho. Fairness Testing in Software Engineering. Master's in Software Engineering (Thesis) – University of Calgary.
2. Lucas Valença. Fairness Debt. Master's in Software Engineering (Thesis) – University of Calgary.

Under Supervision as Adjunct Professor

3. Marcelo da Costa Ferreira. The Role of Organizational Culture in Improving Diversity in Software Engineering Projects Ph.D. in Software Engineering (Thesis) – CESAR School. Expected Conclusion Fall of 2026.
4. Christian Spinelli. Using Game Learning Analytics to Build a Serious Game to Support Math Lectures. Master's in Software Engineering (Thesis) – CESAR School. Expected Conclusion Winter of 2024.
5. Hayanna Oliveira. A Framework for Snapshot Testing. Master's in Software Engineering (Thesis) – CESAR School. Expected Conclusion Winter of 2024.
6. Eliúde Ferreira. Uses, Benefits and Limitations of LLMs in Software Testing. Master's in Software Engineering (Thesis) – CESAR School. Expected Conclusion Spring of 2025.

Supervision Completed

7. Felipe Jansen. Communication in Hybrid Software Projects. MSc. in Software Engineering – CESAR School. Expected conclusion Winter of 2024.
8. Gustavo Almeida (2023). Open-Source Testing Tools for Mobile Applications: An Exploratory Study. Post-Baccalaureate in Diploma/Specialization in Agile Testing – CESAR School. Final Paper
9. Lucas Macena (2023). Exploring the role of software QA in Unit Testing. Post-Baccalaureate in Diploma/Specialization in Agile Testing – CESAR School. Final Paper.
10. Danilo Leandro Lima (2022). The Perspective of Software Testing Professionals on Test Automation and Code Refactoring. Post-Baccalaureate in Diploma/Specialization in Agile Testing – CESAR School. Final Paper.
11. Arham Arshad (2022), co-supervisor. Distributed Scrum: A Case Meta-Analysis. Dalhousie University. Final Paper.
12. Rodrigo Emmanuel Campelo Souza (2021). Comparing the Popularity of Testing Careers among Brazilian, Canadian, Chinese, and Indian Students. Preliminary Results from a Replicated Study. Post-Baccalaureate in Diploma/Specialization in Agile Testing – CESAR School. Final Paper.

TEACHING

My teaching focuses on software engineering, including but not limited to software development, software quality, and software management. Below is a list of teaching courses I have taught:

Postgraduate Teaching

- 2024 – University of Calgary – ENSF 607 – Advanced Software Architecture
- 2024 – University of Calgary – ENSF 608 – Databases
- 2023 – Cape Breton University – Post-Baccalaureate in Business Analytics – Course: Databases
- 2023 – Cape Breton University – Post-Baccalaureate in Business Analytics – Course: Predictive Models
- 2022 – Cape Breton University – Post-Baccalaureate in Business Analytics – Course: Data Visualization
- 2022 – CESAR School (Brazil) – Ph.D. in Software Engineering – Course: Collaboration Industry-Academia
- 2022 – CESAR School (Brazil) – Post-Baccalaureate in Software Engineering – Course: Exploratory Testing
- 2022 – CESAR School (Brazil) – Post-Baccalaureate in Software Engineering – Course: Unit Testing
- 2021 – CESAR School (Brazil) – Post-Baccalaureate in Software Engineering – Course: Exploratory Testing
- 2021 – CESAR School (Brazil) – Post-Baccalaureate in Software Engineering – Course: Unit Testing
- 2021 – Dalhousie University – Course: CSCI 5308 Advanced Software Development
- 2020 – Carleton University – Course: Advanced Topics in Software Engineering

Undergraduate Teaching

- 2024 – University of Calgary – Software Architecture
- 2022 – Dalhousie University – Software Development
- 2021 – Dalhousie University – Software Development
- 2020 – CESAR School (Brazil) – Research Design
- 2019 – Faculdade Alpha (Brazil) – Software Engineering
- 2018 – Faculdade Alpha (Brazil) – Databases
- 2018 – Unisaomiguel (Brazil) – Project Management
- 2017 – Unisaomiguel (Brazil) – Software Projects
- 2017 – Unisaomiguel (Brazil) – Software Engineering
- 2017 – Unisaomiguel (Brazil) – Informatics Applied to Nursing
- 2016 – Unisaomiguel (Brazil) – Operating Systems
- 2015 – FATEC (Brazil) – Software Engineering

SERVICE

Journal Guest Editor

2025 – Information and Software Technology - Special Issue Are you ready for the age of fairness in software systems?

Journal Reviewer

2023 - Present – IEEE Software

2023 - Present – IEEE Transactions on Software Engineering

2020 - Present – Empirical Software Engineering

2020 - Journal on Multimodal User Interfaces

2019 - Behaviour & Information Technology

2015 - Revista de Sistemas e Computação (Brazilian Journal on Systems and Computing)

Conference Organization

2025 – 1st International Workshop on Fairness in Software Systems (Fairness'2025) - General Co-chair

2025 – 18th IEEE International Conference on Software Testing, Verification and Validation (ICST 2025) - Diversity Co-chair

2025 – 18th International Conference on Cooperative and Human Aspects of Software Engineering - Program Co-chair

2025 – 47th International Conference on Software Engineering (ICSE 2025) - Sustainability Co-chair

2024 – 46th International Conference on Software Engineering (ICSE 2024) - Diversity Co-chair

2024 – 40th International Conference on Software Maintenance and Evolution (ICSME 2024) - Diversity Co-chair

2023 – 27th International Conference on Evaluation and Assessment in Software Engineering - Assistant PC Chair

2013 – 17th International Conference on Evaluation and Assessment in Software Engineering - Student Volunteer

Program Committees

2025 – IEEE/ACM International Conference on Program Comprehension (ICPC 2025) - Main Track

2025 – International Conference on Software Engineering (ICSE 2025) - Main Track

2024 – International Conference on Software Engineering (ICSE 2024) - Software Engineering in Society

2024 – International Conference on Software Engineering (ICSE 2024) – Artifacts Evaluation Track

2023 – International Conference on Software Engineering (ICSE 2023) - Software Engineering in Society

2023 – International Symposium on Empirical Software Engineering and Measurement (ESEM 2023)

2023 – International Conference on Automated Software Engineering (AST 2023) – Industry Showcase

2023 – International Workshop on Software Engineering Education for the Next Generation (SEENG 2023)

2023 – International Conference on the Quality of Information and Communications (QUATIC 2022)

2023 – International Conference on Software Testing (ICST 2023) - Industry Track

2023 – Iberoamerican Conference on Software Engineering (CIBSE 2023)

2022 – International Conference on Automated Software Engineering (AST 2022)

2022 – International Workshop on Software Engineering Education for the Next Generation (SEENG 2022)

2022 – International Conference on the Quality of Information and Communications (QUATIC 2022)
2022 – International Conference on Software Testing (ICST 2022) - Industry Track
2021 – Iberoamerican Conference on Software Engineering (CIBSE 2021)
2021 – International Conference on Software Testing (ICST 2021) - Industry Track

Faculty Committees

2024 - Graduate Scholarship Committee - Electrical and Software Engineering Schulich School of Engineering
2024 - EDI Committee - Electrical and Software Engineering Schulich School of Engineering
2022 - Selection Committee Member - Job Title: Lecturer, Accounting – Cape Breton University

GRANTS, RECOGNITION AWARDS AND CERTIFICATIONS

Grants and Scholarships

- 2024 – 2029 - NSERC Discovery Grant. Primary Investigator. \$130,000.00
- 2024 - ACM SIGSOFT Research Travel Grant
- 2023 - ACM SIGSOFT Research Travel Grant
- 2022 - ACM SIGSOFT Research Travel Grant
- 2021 - Mitacs Globalink Research Internship, *MITACS*. Collaborator (PI: Dr. Paul Ralph)
- 2017 - The Emerging Leaders in the Americas Program (ELAP) - Global Affairs Canada.
- 2015 – 2019 - Ph.D. Full scholarship - Brazilian Council for Scientific and Technological Development
- 2016 - ACM SIGSOFT Research Travel Grant

Awards and Honors

2024 - Distinguished Reviewer. 17th International Conference on Cooperative and Human Aspects of Software Engineering
2024 - Distinguished Reviewer Award. 46th International Conference on Software Engineering (ICSE 2024)
2023 - Distinguished Reviewer Award. 45th International Conference on Software Engineering (ICSE 2023)
2023 - Best paper award. 16th International Conference on Cooperative and Human Aspects of Software Engineering
2022 - Best paper award (Nomination). 44th International Conference on Software Engineering (ICSE 2022)
2016 - Best paper award. International Conference on Evaluation and Assessment in Software Engineering (EASE 2016).
2012 - Best paper award. Brazilian Symposium on Information Systems (SBSI 2012).
2011 - Best paper award. Brazilian Symposium in Computer on Education (SBIE + WIE 2011).

Certifications

2020 - CertiProf: Scrum Foundations Professional Certificate
2018 - Software Testing Qualifications Board - Certified Tester Foundation Level (CTFL)