XUGUANG CHEN
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Education

- Doctor of Philosophy, Computer Science, University of Regina, 2014

Academic experience

- Saint Martin's University, Associate Professor, 2022 - present, full-time
- Saint Martin's University, Assistant Professor, 2016 - 2022, full-time
- University of Regina, Sessional Lecturer, 2006 - 2016, part-time
- First Nations University of Canada, Sessional Lecturer, 2006 - 2016, part-time

Non-academic experience

- University of Regina, Computer Lab Technician, maintain computer hardware/software, 2009 - 2010, full-time
- University of Regina, Research Associate, software development, 2008 - 2009, part-time
- TrLabs Regina, Software developer, 2002-2003, full-time

Service activities

- Director of Master of Science in Computer Science, Saint Martin's University
- Member of CCSC-NW Conference Steering Committee Consortium of Computing Sciences in Colleges – Northwestern
- Volunteer for Benedictine Scholars Day, Saint Martin's University
- Volunteer for Act Six Scholars, Saint Martin's University

Current membership in professional organizations

- ACM member

Most important publications and presentations from the past five years

- “A Rough Set Approach to Recognize Images of Handwritten Digits”, ACM SE '22: Proceedings of the 2022 ACM Southeast Conference, April 2022 Pages 229–233 https://doi.org/10.1145/3476883.3524047
- “Modification and complexity analysis of an incremental learning algorithm under the VPRS model”, ACM SE '21: Proceedings of the 2021 ACM Southeast Conference, April 2021, pp 170–174
- "Design of a Database Graduate Course as a Leveling Class for Non-CS Major Graduate Students", Journal of Computing Sciences in Colleges, Volume 35, Issue 1, October 2019

- "Redesign of a senior software engineering course with dual projects", Journal of Computing Sciences in Colleges, Volume 33, Issue 1, October 2017
- "Theoretical Analysis of a Soft Cut Discretization", ACM SE '17: Proceedings of the South East Conference, April 2017, pp 183–186

Honors and awards

- Summer 2020 Training and Support Funding from Center for Scholarship and Teaching, SMU, $1000
- NSF/IEEE-TCPP PDC Curriculum Early Adopter Grant, $5,000