Research Statement

UNIVERSITY OF SASKATCHEWAN

Personal Information

Name	
Address	
City	
Email	
Phone	

Preferred Supervisor(s)

Please indicate who you would like to act as your supervisor(s). Applicants are encouraged to explore the research expertise of our faculty before submitting an application. https://www.cs.usask.ca/people/faculty.php
A Full list of our faculty and their associated research labs can be found below.

1st Choice	
2nd Choice	
3rd Choice	

Supervisors	Research Interests/Areas
Zadia Codabux	Software Engineering, Technical Debt, Software Security
Ralph Deters	Multi-Agent Systems, Scalability and Dependability of Distributed Systems, Mobile and Ubiquitous Computing
Christopher Dutchyn	Interpreters and Compilers, Meta-Programming, Aspect and Object Orientated Programming, Theory of Functional Programming, Synthetic Algebraic Topology
Derek Eager	Computer System Performance Evaluation and Modeling, Distributed Computer Systems, Computer Networks, Internet Content Distribution, Internet Multimedia Applications

Mark Eramian	Image Processing, Computer Vision, Deep Learning
Carl Gutwin	Human-Computer Interaction, Information Visualization, Computer-Supported Cooperative Work
Michael Horsch	Artificial Intelligence, Reasoning Under Uncertainty, Constraint Satisfaction, Machine Learning,
Nadeem Jamali	Concurrency, Distributed Systems, Coordination
Linling Jin	Bioinformatics, Computational Genomics, Comparative Genomics, Genome Evolution
Mark Keil	Computational Geometry, Graph Algorithms
Madison Klarkowski	Human Computer Interactions, Psychophysiology, Video Games, Player
Anthony Kusalik	Bioinformatics, Computational Biology, Machine Learning
Matthew Links	Bioinformatics, Computational Biology, Genomics, Metagenomics, Microbiome
Dwight Makaroff	Distributed Systems and Performance, Multicore Architectures and Application Performance, Security and Intrusion Issues in Wireless Networks, Sensor Networks
Regan Mandryk	Human Computer Interaction, Video Games, Digital Biomarkers of Mental Health, Computer Supported Collaboration
Ian McQuillan	Natural Computing, Bioinformatics, Theoretical Computer Science, Computational Modelling
Debajyoti Mondal	Large Network Visualization, Computational Geometry, Big Data Analytics, Algorithms and Complexity

Eric Neufeld	Graphics, Uncertainty in Artificial Intelligence
Nathaniel Osgood	Health Simulation, Machine Learning and Health, Novel Health Simulation Programming Languages, Category Theory and Health, Health App Development
Banani Roy	Interactive Software Engineering, Big Data Analytics, Reverse Engineering, Computer Supported Collaborative Work, Human-Driven Software Engineering for Scientific Research
Chanchal Roy	Software Engineering, Software Research, Software Maintenance and Evolution
Kevin Schneider	Software Research, Software Architecture and Design, Forward and Reverse Engineering, Domain Specific Languages, Collaborative Software Teams
Raymond Spiteri	Numerical Analysis, Scientific computing, High-performance Computing, Simulation of Complex Systems, Optimization
Natalia Stakhanova	Software Security, Mobile Security, Block-Chain Security Technology, Cyber Security, Reverse Engineering,
Kevin Stanley	Fundamental Metrics of Spatial Temporal Behavior, Improved Ad-Hoc Networks Based on Behavior Models, Health Applications of Human Behavioral Models, Novel Input and Mechanic Modalities of Mobile Games
Ian Stavness	Biomedical Computation and Visualization, Mechanical Modelling, Medical Image Processing, Computer Graphics, Physics-Based Animation, 3D Displays

Julita Vassileva	Trust and Privacy, Decentralized Social Architecture, Peer-to-Peer and Multi Agent Systems, Learning Communities, User Modeling, Interactive Visualizations, Social Computing

Research Interests/Areas

Please indicate what areas of research you are most interested in. Please select up to three areas of research that interest you from the research topics listed in the above table.

1st Choice	
2nd Choice	
3rd Choice	

Degrees Currently Held

Degree	University	Website

Degrees Currently Held

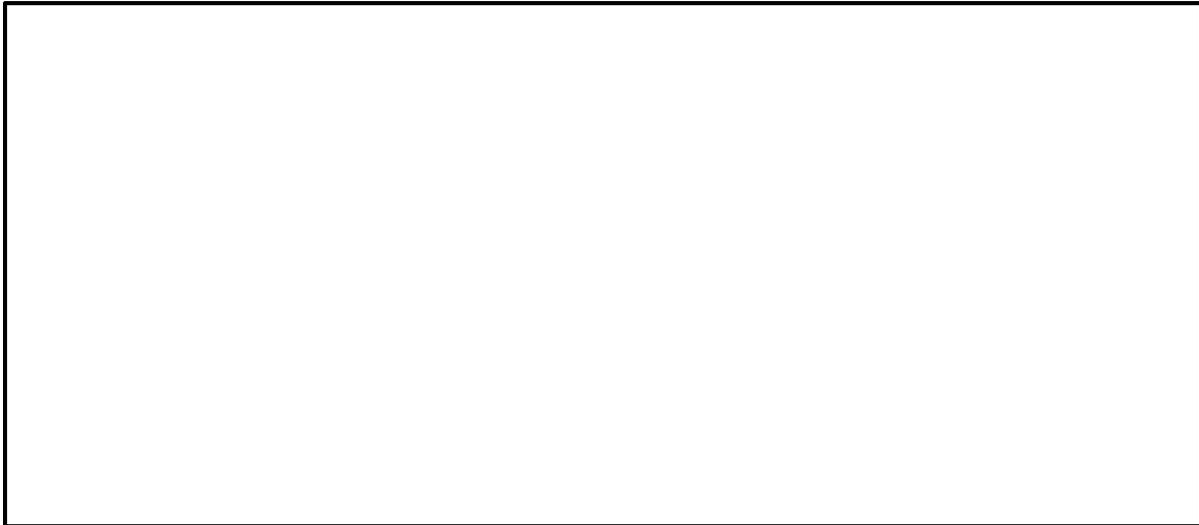| Degree	University	Website

Degree Sought

Master of Science ☐   **Doctor of Philosophy** ☐

Summary of Honours, Scholarships, Fellowships, and Awards

Tell us about your rank in national exams, awards, etc. **DO NOT** send photocopies of your scholarship certificates.

Publications

Tell us about your publications - papers submitted, published or accepted, technical reports, conference presentations, posters, etc.

Special Skills or Qualifications

Summarize special skills and qualifications you have acquired from employment, previous research, contributions to OSS projects, or through any other significant life experiences, including volunteer work, hobbies or sports.

Statement of Research Interests

A brief statement of research interests, 1-3 pages in length, which should include:
- Specific areas of interest that could lead to a thesis topic;
- A description of your educational and career goals; and
- An assessment of how a graduate program in Computer Science will help achieve these goals. **Append your statement to the end of form.**

Detailed **Statement of Research Interest Instructions** can be found on our website.

Agreement and Signature

By submitting this application, I affirm that the facts set forth in it are true and complete. I understand that if I am accepted as a student, any false statements, omissions, or other misrepresentations made by me on this application may result in my immediate dismissal.

Name Printed:

Signature:

Date:

Thank you for completing this application and for your interest in studying with us.