Mihai Nicolae

Email: mihai.nicolae@mail.utoronto.ca   **Portfolio:** github.com/mnicolae
Website: mnicolae.github.io   **Linkedin**: ca.linkedin.com/in/mnicolae91

Education

University of Toronto   September 2010 — April 2015
Computer Science Specialist, Honours Bachelor of Science in Computer Science
- Sessional CGPA: 2.76/4.00

Work experience

University of Toronto   December 2014 — Present
Undergraduate Research Assistant
- Working on Noema, a system for concept discovery, under the supervision of prof. Renée J. Miller and PhD candidate Fatemeh Nargesian.

IBM Canada Ltd.   September 2014 — Present
Student on-call Software Developer - DB2 Security
- This position is a part-time extension of the previous contract with IBM while completing the final year of university.

IBM Canada Ltd.   May 2013 — August 2014
Software Developer - DB2 Security
- Investigated the GSkit support of the PKCS#12 standard and symmetric key operations in order to confirm its suitability for the DB2 Native Encryption solution.
- Led the Functional Verification Test (FVT) for the DB2 Native Encryption solution. This was essential to the successful release of DB2 Native Encryption into dashDB in March 2014 and DB2 10.5 Fix Pack 5 in December 2014.
- Backfitted the communication buffer exit libraries into the DB2 9.7 Fix Pack 10 release. This secured the DB2 and Guardium footprint at the two Fortune 1000 clients that requested the backfit in order to meet their security and compliance needs.