

Mihai Nicolae

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Education

University of Toronto

September 2010 — April 2015

Computer Science Specialist, Honours Bachelor of Science in Computer Science

- **Relevant courses:** Software Design, Software Tools and Systems Programming, Data Structures and Analysis, Algorithm Design and Analysis, Engineering Large Software Systems, Programming on the Web, Operating Systems, Database System Technology, Computer Networking Systems

Work experience

University of Toronto

December 2014 — Present

Undergraduate Research Assistant

I am 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

Part-time extension of my previous contract with IBM while completing my final year of university.

IBM Canada Ltd.

May 2013 — August 2014

Software Developer - DB2 Security

Software developer under the DB2 for LUW runtime and compiler organization. Listed below is my contribution for the most significant projects of my tenure.

- FVT Owner for the DB2 Native Encryption Line Item.
- Investigate the GSKit support of the PKCS#12 standard and symmetric key operations. Implemented a fully-automated suite of functional tests using the CxxTest testing framework.
- Implemented the comm_exit_list dbm cfg parameter to be configurable online.
- Backfit the communication buffer exit libraries into the V97 FP10 release.

References available upon request
Current as of: January 30, 2015