WANDA B. K. BOYER

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EDUCATION

Masters   Completed Aug. 2016

Computer Science

University of Victoria

Victoria, B.C., Canada

Visiting Graduate Research Student

Computing Science

Simon Fraser University

Burnaby, B.C., Canada

Exchange student (Western Deans Agreement)

Computing Science

Simon Fraser University

Burnaby, B.C., Canada

Undergraduate   Completed Apr. 2012

Combined Computer Science and Mathematics

University of Victoria

Victoria, B.C., Canada

PROJECTS

Modal Solver Suite Python	A decision and minimization procedure for modal logic which allows for user-specified conditions on the relational structures produced, returning concrete visualizations if a pointed model exists for the input formula(s).
CryptoGUI Java	Experimenting with GUI programming in Java to facilitate the use of encryption algorithms provided in the BouncyCastle cryptography API.

In progress:

LoCoMath	Personal webpage and blog using Jekyll on GitHub pages.

WORK EXPERIENCE

Teaching Assistant	Jan. - May 2013, Jan. - May 2014, Sept. 2014 - May 2015
Department of Computer Science	Wrote solution guides for assigned material and the accompanying grading rubric, marked work and gave detailed feedback, and used the Connex and Moodle learning management systems to enter grades and manage course resources.
Mathematical logic tutor	Jan. 2013 - May 2013, Sept. 2014 - Dec. 2014
Independent	Created comprehensive and diverse learning plans for students who required assistance in their study of propositional and predicate calculus, plus the metatheory.
Visitor Service Network Accessibility Analyst	May 11th, 2011 - Aug. 31st, 2011
Art Gallery of Greater Victoria	Incorporated a public wireless network into the existing network infrastructure, as well as created a content delivery system using Drupal to enable gallery patrons to access supplementary multimedia content for each piece in the gallery.
Quality Engineer	Jan. 11th, 2010 - Apr. 30th, 2010
IBM Canada LotusForms lab	Maintained the LotusForms software by creating and using test suites, both manual and automated; wrote detailed bug reports whenever an error was encountered, and worked with the development team to resolve them.
Mathematics tutor	Jan. 2007 - Jul. 2007
Sami's A+ Learning Center	Created innovative learning plans for students who required assistance in upper-level high school mathematics and calculus.
Quality Assurance Technician	September 2004 - June 2005
Pure Edge Solutions	Ensured the stability and functionality of the PureEdge forms software by creating and executing manual test suites, and reporting bugs. Also created test forms as another way to test the functionality of the software.