Luc Savard

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B.A.SC. Electrical Engineering Coop
University of Ottawa, Ontario
Completed in December 2003
Fully Bilingual

Lab experience:	FPGA, DSP board, microcontrollers, network analyzer, oscilloscopes, spectrometers, correlators and filters.
Applications:	Ensemble SV, Mininec, PSpice, Electronic Workbench
Programming Languages:	VHDL, C++ and Matlab
Operating Systems:	UNIX, Linux, Windows 95/98/00/XP, DOS and UNISYS

Work Experience:

Summer 2003
-Coop 4

Defence Scientist Assistant
DRDC Ottawa, Defence Research & Development Canada Ottawa
 REW section (Radar Electronic Warfare)
- Design and use of Neural Networks
- Track Association Between Radar and Passive Antenna
- Simulations with Matlab

Fall 2002
-Coop 3

Defence Scientist Assistant
 DRDC Ottawa, Defence Research & Development Canada Ottawa
 ESM section (Electronic Support Measures)
- Target Tracking in the presence of noise
- Multi-Dimension Data Association Problems
- Simulations with Matlab
- Statistics and non-linear Optimizations

Winter 2002
- Coop 2

Defence Research Assistant
 DRDC, Defence Research & Development Canada
- Research, analysis and writing of technical reports
- Consult and liaise with departmental and interdepartmental clients
- Design and maintenance of a mailing list and international
activities databases for strategic communications

Summer 2001 - Coop 1	**Application Development Assistant** LOAD, Human Resources Development Canada, Hull, Que •Work in a Linux environment •Work as part of a team for the production of web pages •Production of CGI scripts and other applications using PERL •Shell Programming
Summer 2000	**Software Distribution** Human Resources Development Canada, Hull, Que •Production of CDs for offices across Canada •Transferring files on Main-frames using UNISYS •Production of web pages using HTML •Database compiling (MS. Access) •Performed administrative duties
Fall and Winter 97 Coop (High School)	**Technician** Laurentian University, Sudbury, Ont
Fall 97 Coop (High School)	**Computer Service** Collège Boréal, Sudbury, Ont

Publication

"MEMS: A Growing Miniature Technology," Issues in Defence S&T, Issue no. 12 (March 2002).
Available at www.drdc-rddc.gc.ca/publications/issues/issues12_e.asp

Interests

Engineering: Communication Systems, DSP and Hardware design

Music: Guitar and piano

Sports: Sky diving, swimming, weight lifting, golf and floor Hockey

References

Radar Electronic Warfare (former Electronic Support Measures),
DRDC Ottawa
Yifeng Zhou   1-613-998-2086

Labour Operations Application Development
Human Resources Development Canada, Hull, Que
Christopher Hyne   1-819-997-4827