

Matthew D. Boardman, B.Eng., MSc.

1015 Barrington Street, No. 502, Halifax, Nova Scotia, B3H 4R4
Phone: (902) 431-6224 Mobile: (902) 488-5318 Email: matthew.d.boardman@gmail.com

Experienced, knowledgeable and professional: a singular combination of ten years of large-scale systems development experience, data warehouse consulting, technical team leadership and project management, with recent academic experience in the latest innovative data mining and computational intelligence research.

CAREER HIGHLIGHTS

- 2006 Oral presentation of research at the 2006 IEEE World Congress on Computational Intelligence.
- 1997 Celestica Merit Award for significant technical achievement, saving over US\$2.2 million annually.

PROFESSIONAL EXPERIENCE

Dalhousie University, Halifax, Nova Scotia, September 2004 – Current.

- *Computer Science Graduate Student.* Master of Computer Science program. Research assistant for computational neuroscience group. Teaching assistant for graduate and undergraduate data mining courses.
- *Research Associate.* Designed and developed a graphical application for pattern electroretinography waveform analysis, in association with the **IWK Health Centre**, Atlantic Canada's largest children's hospital.

Adastra Corporation, Markham, Ontario, October 2003 – July 2004.

- *Business Intelligence Consultant.* Aided **Shoppers Drug Mart** in development of business intelligence road map, including requirements development, tool comparison and selection, and implementation of proof-of-concept for extraction, transformation and loading of point-of-sale transactions with supporting technical documentation.
- *Business Intelligence Consultant.* Supported business development and technical pre-sales activities, including assistance with technical proposals and high-level customer presentations, development of a reference Supply Chain data model with focus on manufacturing and retail verticals, and technical input for marketing literature.

Celestica International: Corporate Information Technology, Toronto, Ontario, August 1999 – August 2003.

- *Data Warehouse Application Manager.* Technical team lead and project manager with a team of up to 28 data warehouse developers, for multi-million dollar, globally-distributed Oracle data warehouse containing manufacturing data from more than 30 operations in Canada, the United States, Mexico and Europe. Extensive travel with multiple simultaneous deployments. Responsible for staffing decisions and capital expenditure.
- *Data Warehouse Application Specialist.* Senior member of application development team. Responsible for group leadership, data architecture and development of several supporting applications, for centralized corporate Supply Chain data warehouse containing finance and costing data for all Celestica manufacturing and repair operations.

Celestica International: Toronto Manufacturing Plant, Toronto, Ontario, May 1994 – July 1999.

- *Senior Associate Engineer.* Responsible for development and implementation of applications supporting memory module manufacturing and test engineering at Toronto manufacturing site. Projects included technical coordination with external contractors to interface robotic product handler with memory test hardware; automated early-warning tester monitoring system for real-time failure prediction; communications interface for plant-wide data collection.

AFFILIATIONS

- 2006 Graduate Student Member, Institute of Electrical and Electronics Engineers (IEEE).
- 1999 Professional Engineer (P.Eng.), Professional Engineers Ontario.

EDUCATION

- 2006 *Master of Computer Science*, Dalhousie University, specializing in Machine Learning.
- 1999 Part-time, six of nine courses for *Master of Computer Engineering*, University of Toronto.
- 1996 *Bachelor of Electrical Engineering*, Technical University of Nova Scotia, with Distinction.