

**BERNARD DIONNE**

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**SCHOLARSHIP**

<b>Geomatic Engineering degree</b> Laval University (Québec)	<b>1999 – 2003</b>
<b>Geology studies</b> Laval University (Québec)	<b>1997 – 1999</b>
<b>College in Natural Sciences</b> College of Joliette	<b>1995 – 1997</b>

**PROFESSIONAL EXPERIENCES**

<b>Groupe Giroux (Land Surveyors)</b> <i>Québec</i> <u>Hydrographic and Landscape surveyor</u> (topographic and hydrographic data acquisition)	<b>2009 - 2010</b>
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- Raw data acquisition & field QC
- Raw data computing, treatment and analysis
- Drafting and mapping final deliveries

Market development & customers support

(Product sales and professional services - Construction and Engineering industries)

<b>FieldToCAD Services reg.</b> <i>Montréal</i> <u>Personnal business – manager</u> (Technical Surveying Services provider, 2d/3d modelling)	<b>2008</b>
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- Business network development
- New customer support, administration, marketing
- Data acquisition, treatment, analysis and final delivering

**Assigned trainer for *Leica fieldPro* surveying applications in partnership with *Leica Geosystems Ltd.***

<b>Leica Geosystems Ltd.</b> <i>Montréal</i> <u>Application Specialist</u> (architecture, piping, surveying and construction industries)	<b>2006 – 2008</b>
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Software development, new applications promotion for architects, engineers and industrial designers (***Leica fieldpro***);

- Conducting software development with programming team
- User interface conception
- Quality control manager

Technical support for existing users

Training and on-line help documents, trainer for new users and international dealers

Trade shows and promotional events

**S.A.T. Inc. – (Land Surveyors)**

2003 – 2006

*Montréal*Projects manager

- Architecture surveying, 2d/3d modeling of commercial building, public installations, residential and business centers
- Landscape surveying, levelling and geodesy projects, data analysis, quality control, drafting and final plans
- Development of new surveying applications, technical support to programmers and new users of **Field Designer** products

**GOSSELIN, PARENT, LEMAY CARRIER (Land Surveyors)***Québec, Canada*

2003

Legal surveying, field works and drafting, data analysis

Instrumentation used : Leica *TPS*, Leica *GPS-500*, *Sokkia*, *MicroStation* (CAD),**GADOURY & NEVEU (Land Surveyors)***Joliette, Canada*

2002

Field works and drafting, data analysis

Instrumentation used : Leica *TPS*, *MicroStation* (CAD)**QUÉBEC TRANSPORT MINISTRY***Provincial government, Québec, Canada*

2000 - 2001

Data analysis, drafting, geodetic projects

Technologie utilisée : Trimble GPS et *AutoCad Map* (CAD)**QUÉBEC ENVIRONMENT MINISTRY***Provincial government, Québec, Canada*

1998 - 1999

Technical inspector for dams and existing structures on lakes and bassins

**SOFTWARE AND PROGRAMING****Technical drafting:** CADWorx Plant, AutoCad, AutoCad Map, Civil 3d, MicroStation, Leica *FieldPro***GIS development application:** MapInfo, ArcView, ArcGis, GeoMedia, outils FME**Hydrographic SW:** JR Sonde, Hypack**Data base management:** UML, SQL, Perceptory, Oracle, Microsoft Access**Data analysis :** *PCI Geomatics*, *DVP*, *Leica GeoOffice*, *Cadarp*, *VisionPlus***Programming language :** C/C++, Visual Basic, html et asp (web)**REALISATION**

- Gaspésie Park website (ArcGIS) 2003
- Health and safety procedures on construction sites - SIMDUT 2004
- Hypack training (hydrographic analysis SW) 2009