

# ALEXANDRE DAIGLE

## PERSONAL INFORMATION

*Born in Canada,, 27 May 1991*

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*phone* +1 (418) 717 2539,

## EDUCATION

*2011-..* Laval University, Quebec City

*Bachelor of  
Mathematics*

GPA: 3.82 · *Dean's List* · School: Science and Engineering

Description: The major fields of mathematics were studied: analysis, algebra, differential equation, numerical analysis, geometry and number theory. I also focused many optional courses in computer science in area such as algorithm, graph and complexity theory.

*2008-2011* CEGEP of Sainte-Foy, Quebec City

*Diploma of  
College Degree*

R Score: 33.57 · *First Class Honours* · School: Computer Science

Description: This degree focused heavily on technical formation, with courses in C++, Java, .NET, web development, databases and operating system, among others. Multiple software development techniques were applied during the program to allow easy integration in work environment.

## WORK EXPERIENCE

*May-Aug 2013* Developer, COVEO

*Coveo*

Develop new features and maintain the existing code in the index team for the search engine, including phonetic and dynamic range search capabilities with important runtime constraints.

Reference: Daniel LAVOIE · +1 (418) 263 1111 · [dlavoie@coveo.com](mailto:dlavoie@coveo.com)

*May-Aug 2012* Developer, COVEO

*Coveo*

Develop new connectors to retrieve data from web services in cloud based service to index them. Those services include Gmail/IMAP, Twitter and Lithium.

Reference: Robert CLOUTIER +1 (418) 263 1111 · [rccloutier@coveo.com](mailto:rccloutier@coveo.com)

*Feb-Aug 2011* Summer Intern, COVEO

*Coveo*

Develop and improve connectors to index information with high performance from mainly on-premise data sources. Those services include Sitecore, Liferay and Twitter.

Reference: Nicolas PELLETIER +1 (418) 263 1111 #363 · [npelletier@coveo.com](mailto:npelletier@coveo.com)

*May-Aug 2010* Summer Intern, REVENU QUÉBEC

*Revenu Québec*

Develop new forms corresponding to specifications in VB.NET. Automatize many tasks with scripts and internal tools to facilitate recurrent tasks.

## TECHNICAL REPORT

### NAT Traversal in Peer-To-Peer Architecture

*Carleton  
University*

Technical Report SCE-12-04, Carleton University, Department of Systems and Computer Engineering, October 2012

Authors: POULIN M.A., RIOUX-MALDAGUE L., DAIGLE A., GAGNON F.

## COMPUTER SKILLS

<i>Programming</i>	C++, C#, JAVA, PYTHON
<i>Software</i>	L <sup>A</sup> T <sub>E</sub> X, Linux, Matlab, Mercurial, Git
<i>Web Development</i>	xHTML, CSS, SQL

## OTHER INFORMATION

<i>Awards</i>	2010 · Canadian Computing Competition Senior (1 <sup>st</sup> in East of Canada) 2009 · Canadian Computing Competition Junior (1 <sup>st</sup> in East of Canada, 4 <sup>th</sup> in Canada)
<i>Involvements</i>	2013-2014 · Vice-President of Academics in the student association <i>AESMUL</i> 2013-2014 · Member of the Program Committee of the department of computer science at CEGEP of Sainte-Foy
<i>Languages</i>	FRENCH · Mothertongue ENGLISH · Intermediate (conversationally fluent)
<i>Interests</i>	Board Games · TV Shows · Cooking · Inline Skating

October 11, 2013