




Richard G. Côté

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Profile

10+ years practical experience with large software development projects.
Skill and training in life sciences and IT.
Methodical approach to complex problem solving.
Accustomed to work in an Agile environment (Scrum / Kanban).


Professional Experience

R&D Specialist – Software Engineer [Since July 2013]

Nestle Institute of Health Sciences, Lausanne 


N-Tier software development and data architecture for the Integrated Data Product (IDP) project, a multi-omics data warehouse with supporting web service interface. Member of the cross-project architecture team.

Senior Software Engineer [May 2005 – May 2013]

European Bioinformatics Institute, Cambridge 

Back-end and front-end software development for several highly accessed projects at the EBI, including the PRoteomics IDentification (PRIDE) data repository, the Ontology Lookup Service (OLS) and the Protein Identifier Cross-Reference (PICR) service.

Systems Manager [October 2004 – March 2005]

McGill University, Montreal 


Hardware and software requirement gathering for the McGill University Life Sciences Complex. Coordination with hardware and software providers to setup physical installations.

Software Developer [January 2002 – October 2004]

Sequence Bioinformatics, Montreal 

Analysis and bioinformatics consulting to implement or develop custom solutions. Projects included building a web-based LIMS for a breast and ovarian cancer research project (Centre Hospitalier de l'Université de Montréal and Royal Victoria Hospital), integrating external third-party analysis tools and reference databases into a centralized SAAS platform (CGI Life Science Services Centre) and performing various network and software administration tasks.

Research Assistant [March 2000 – December 2001]

Ste-Justine Hospital, Paediatric Oncology Research Centre, Montreal 


Port legacy data entry software into web-accessible LIMS. Hardware and software support. Automate common analysis tasks using scripting. Prepare publication-grade figures and graphics.

Skills




Education


D.E.S.S. Applied Computer Science

Université de Montréal 
2000 – 2001


M.Sc. Biochemistry

McGill University, Montreal 
1997 – 2000

B.Sc. Honours Biochemistry

McGill University, Montreal 
1994 – 1997

D.E.C. Pure Sciences

CEGEP de l'Outaouais, Hull 
1992 – 1994

Selected Publications

Côté RG et al., The PRoteomics IDentification (PRIDE) Converter 2 Framework, *Mol. Cell. Proteomics*. 2012, PMID: 22949509.

Côté RG et al., The Ontology Lookup Service: bigger and better, *Nucleic Acids Res.* 2010, PMID: 20460452.

Côté RG et al., The Protein Identifier Cross-Referencing (PICR) service: reconciling protein identifiers across multiple source databases, *BMC Bioinformatics* 2007, PMID: 17945017.

Full list available upon request.

Other information

English and French fluently written and spoken.

Dual nationality:  

References are available upon request.