

Neil Conlan

Graduate Student, Lead Software Developer
358 Aumais, St Anne De Bellevue, Quebec, h9x4a9

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nconlan@gmail.com

514-609-1013

Education

- **Concordia University** Montreal, Quebec
Masters Computer Science (current) 2010 - 2012(projected)
 - Researching broadcasting algorithms (Graph Theory)
 - Thesis Topic: Broadcasting Algorithms in Cactus Graphs
- **Concordia University** Montreal, Quebec
Bacholors Computer Science - Honours Software Systems 2003 - 2007
 - Graduated with Honours
- **CDI College** Montreal, Quebec
Programmer Analyst (A.E.C) 2000 - 2001
 - Graduated with Honours

Skills

- **Development:** PHP, Python, C/C++, SQL, JavaScript, XHTML, CSS, Memcached, Redis
- **Computer Science:** Algorithms, Parallel Algorithms, Machine Learning, Data Structures, Artificial Intelligence, Web Development
- Discovering and implementing new ideas. Give me an API and a problem and I will figure it out.
- Diverse background in Math and Computer Science allows me to communicate to a wide scientific and general audience and begin contributing to any group immediately.
- I have worked in the past on extreme high traffic websites and know how to optimize and develop architectures to scale to high traffic

Work Experience

- **Marshall & Bale** Montreal, Quebec
Lead Software Developer June 2011 - present
 - Developing filesharing applications PHP, MySQL, C and javascript
 - In charge of the development of a filesharing application with distributed storage servers
- **Manwin Canada** Montreal, Quebec
Senoir Software Developer May 2006 - June 2011
 - Developed frameworks for high traffic websites PHP, MySQL, C and javascript
 - Designed from scratch a web framework that allowed our sites to scale to millions of hits a day

- **John Molson School Of Business, Concordia University** Montreal, Quebec
Web Application Programmer 2005
 – Created PHP websites to help researchers with their research
- **PHP and ASP/ASP.NET Programmer** Montreal, Quebec
Well Drafted Consultants Inc. 2002-2004
 – Responsible for programming database driven websites using mostly PHP and MySQL database.
 – I also worked with ASP/ASP.NET and MSSQL Server.
- **Cyber Marketing Services** Montreal, Quebec
Content Manager 2002
 – Responsible for maintaining affiliate programs, programming websites and newsletters, making small ASP and PHP applications.
- **Uducat.com** Kirkland, Quebec
ASP Programmer 2001
 – programming e-commerce websites using ASP and JavaScript.

Personal

- **Hobbies:** Reading, Mathematics, Physics, Algorithms, Crossfit, Brazilian Jiu Jitsu, Kettlebells, Video Games, Building things (physical and/or digital) and drinking good beer or scotch with new and old friends.
- **My Ideal Position:** Working with a fun team solving interesting problems. I enjoy every part of development, from deep backend optimization to client-facing applications and interaction. I would love to make a difference wherever and however I am able while leveraging my algorithms design skills, programming and mathematical background.