# Kevin Lam

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**EDUCATION**

*Bachelor of Applied Science,* in Engineering Science
University of Toronto, Toronto, ON expected May 2013
Concentration: Electrical and Computer Option
Cumulative GPA: 3.88
Ranked 8th out of 204 in 2010 Fall Term

**COMPUTER SKILLS**

*Languages & Software:* C/C++, Java, Ruby, Javascript HTML, CSS, Ruby on Rails, Microsoft Office, Assembly, Verilog, Vi, Git, SVN, MySQL, MatLab, Perl
*Operating Systems:* Windows XP/7, OSX, Linux

**EXPERIENCE**

*Software Engineer Intern* — Summer 2011
*Altera*

Intern in the Mux Configuration file team at the Altera Toronto Technology Centre. Involved with many projects and types of work over the summer term including: verification scripting and updates, device model update support, and profiling code. Worked closely with other members of team, sometimes on tight deadlines. Developed time management, and technical skills.

*Summer Research Student* — Summer 2010
*Department of Physics, University of Toronto*

Responsible for developing and conducting experiments MacLennan Physical Laboratories. Given a general area of interest, and developed experiments to verify and explore that area. Read relevant literature, and then conducted experiments. Worked independently and communicated with supervisor weekly. Developed skills involved with experimental design, data acquisition and analysis, and writing technical reports.

*Constraint Satisfaction Project* — Summer 2010
*Computer Science Department, University of Toronto*

Worked under the supervision of Prof. Steve Engels, developed a intelligent TA allocation software, learned how to work with new domains and constraints, further improved problem solving ability.

**COMMUNITY SERVICE**

Tetra Society
Volunteer organization of engineers who work to create adaptive technologies for the disabled. Interacted with clients, communicated and determined clients' needs and gained interpersonal skills.

**EXTRA-CURRICULAR ACTIVITIES**

*Director, Skule Jazz Combo* — 2011 - Present
Musician and 1T1-1T2 Director for the Skule Jazz Combo, an ensemble which plays at many functions professionally as well as at many University of Toronto events. Developed interpersonal skills when dealing with clients.

*Member, Skule Stage Band*                                                2009 - Present
Musician in the Engineering Stage Band for University of Toronto. Acquired performance skills and able to think dynamically and improvise in new situations.

*Member, Skule Nite Orchestra*                                     2010 - Present
Musician in the pit band for the annual University of Toronto Engineering comedy and musical show.

*Competitor, Computer Science Games 2010*                          March 2010
Competed on a team in Computer Science competition. Able to solve new problems quickly, and in collaboration with others.

*Member, Hacker Academy*                                            Summer 2010
Member of a student group where teams assembled to create their own web applications. Participated on a team which used Ruby on Rails to create a customizable Google Map based in Toronto, where users could sign up for accounts and add their own markers to the map. All data was stored in a database and experience was gained in using revision control systems, and web frameworks.

**AWARDS & SCHOLARSHIPS**      University of Toronto Scholar, Merit Scholarship for admission average of above 95%, 2009

Principal's Award for Second Highest Academic Average, St. Marcellinus, ON, 2009

Edward King Award for Academic Achievement and Leadership within the school community, St. Marcellinus, Mississauga, ON, 2009

Highest Academic Achievement in Computer Science, Music, Philosophy, Calculus and Vectors, and Advanced Functions, St. Marcellinus, Mississauga, ON, 2009

Highest Academic Achievement in Physics, Introduction to Sociology, Anthropology and Psychology, St. Marcellinus, Mississauga, ON, 2008