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### **Education:**

**Princeton University**, Princeton, NJ June 2013  
Major: B.S.E. Computer Science, 3.79 GPA  
Coursework: Multivariable Calculus, Linear Algebra, Computer Science (Advanced Algorithms, Systems, Information Security, Networks, Graph Theory, Operating Systems, AI, Graphics)  
**Lisgar Collegiate Institute**, Ottawa, ON, Canada June 2009  
Provincial honors in mathematics, programming, and physics competitions; L.W. Rentner Memorial Award for contributions to school mathematics; John Thorburn Prize for highest GPA; Principal's Award for Student Leadership; Canadian AP Scholar; Loran National Merit Scholarship Finalist.

### **Skills:**

Considerable implementation experience with Java, C/C++, Python, MATLAB  
Experience with web development and design (HTML/CSS/Javascript, PHP/MySQL, JQuery, Django)  
Comfortable with UNIX systems and source control  
Proficient in French, conversational in Mandarin Chinese

### **Experience:**

**Google, Inc.**, New York, NY May-Aug 2012  
*Software Engineering Intern, Google Research*  
Image Search Personalization – Performed user studies and developed evaluation tools for investigating various ways to use personalization to improve image search result quality.  
**Facebook, Inc.**, Palo Alto, CA Jun-Aug 2011  
*Software Engineering Intern, Test Infrastructure Team*  
Extended automated browser testing framework including adding browser support and testing capabilities  
Implemented various features in web interface to test console to improve developer workflow  
**Office of Information Technology**, Princeton University, Princeton, NJ Sept 2010-  
*Residential Computer Consultant* – Help students, staff, and faculty with various IT issues  
**Google Inc.**, Mountain View, CA Jun-Aug 2010  
*Software Engineering Intern, Gmail Team*  
Implemented framework for offline superstar lab feature  
Investigated performance of Gmail server code; implemented changes in quoting algorithm that reduced server load by up to 5% in a test environment.  
**Department of Electrical Engineering**, Carleton University, Ottawa, ON, Canada Aug-Nov 2008  
*Research Assistant*  
Installed, upgraded, and maintained web server and site. Performed various programming tasks using C++, Java, and MATLAB, including simulations (e.g. mesh-generation module for electromagnetic simulation).  
Various tasks with neural network modelling of transistor capabilities.

### **University Activities:**

**Association for Computing Machinery, Princeton Chapter**, President  
**Princeton Programming Team**, member of one of 96 teams internationally qualifying for 2011 ACM-ICPC World Finals  
**Undergraduate CS Council**, Member  
**Princeton Sinfonia**, Webmaster & Violist