

Gregory Lo

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<http://about.thegs.dnsalias.net/greg/resume.html>
<http://blogs.thegs.dnsalias.net/>

Objective	<ul style="list-style-type: none">Seeking full-time position involving software development and/or testing in an environment that encourages the incumbent to develop and acquire new skills.
Interests	<ul style="list-style-type: none">Special interest in user interface design, object-oriented application frameworks, development tools, graphics, and cross-platform programming issues.Fonts and font technology. Multilingual text handling.Web applications, distributed computing, and virtual machine implementations.
Highlights	<ul style="list-style-type: none">Over 20 years of programming experience, beginning early as a computing enthusiast.Fluent in C, C++, Objective-C, Pascal, and other popular mainstream programming languages. Also Ruby, PHP, JavaScript, Perl, AppleScript, Java, Basic, FORTH, and other languages.Experience writing commercially shipping application software in mainstream software development environments, including: XCode, Metrowerks CodeWarrior (C/C++/Pascal), Symantec C++ for Macintosh, and Microsoft Visual C++.Application frameworks such as MetroWerks PowerPlant, MFC, Cocoa, Axiom.Some experience writing an Adobe PhotoShop plugin.Graphic design and desktop publishing using such popular packages as: Quark XPress, Adobe PageMaker, Adobe PhotoShop, CorelDRAW!, Ventura Publisher.Maintain heterogeneous home network involving multiple computers. Apache-based web servers with name-based virtual hosts, caching proxy, reverse proxying, various web applications. Postfix MTA and UW IMAP for personal email. Internal DNS servers.
Mobility	<ul style="list-style-type: none">Willing to travel.Relocation will be given due consideration, though positions based within the Ottawa area are preferred.
Employment eligibility	<ul style="list-style-type: none">Canadian citizenship.Australian-born — can resume Australian citizenship.

Selected volunteer and work experience

11/2005 - present	Software Engineer FileMaker Canada, Inc. Ottawa, Ontario		
05/1998 - 11/2002	Software Developer Corel Corporation Ottawa, Ontario <ul style="list-style-type: none">Added user interface features, performed pre-alpha testing and fixed bugs in currently shipping products.Worked primarily in large team to develop cross-platform framework (implementing Win32 API on both Classic Macintosh and MacOS X platforms) using C++ and plain C.Cross-platform menu subsystem specialist.Font technology and text-handling specialist.Developed and maintained local team documentation website and groupware server, gluing together various Perl and PHP-based web applications. <p>Shipped products:</p> <table><tbody><tr><td><ul style="list-style-type: none">CorelDRAW! 8 for PowerMacintoshCorel PhotoPaint 8 for PowerMacintoshCorel TRACE 8 for PowerMacintoshMacPort Win32 bridge frameworkCorel PrintOffice 2000Corel PhotoHouse Magic 5Corel PrintHouse 5</td><td><ul style="list-style-type: none">Corel PrintHouse 2000 MacintoshCorelDRAW! 9Bryce 5CorelDRAW! 10 Graphics SuiteCorel Graphics Suite 10 MacintoshCorelDRAW! Graphics Suite 11</td></tr></tbody></table>	<ul style="list-style-type: none">CorelDRAW! 8 for PowerMacintoshCorel PhotoPaint 8 for PowerMacintoshCorel TRACE 8 for PowerMacintoshMacPort Win32 bridge frameworkCorel PrintOffice 2000Corel PhotoHouse Magic 5Corel PrintHouse 5	<ul style="list-style-type: none">Corel PrintHouse 2000 MacintoshCorelDRAW! 9Bryce 5CorelDRAW! 10 Graphics SuiteCorel Graphics Suite 10 MacintoshCorelDRAW! Graphics Suite 11
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04/1996 - 04/1997	Advertising Committee Chair Alma Mater Society of Queen's University Inc. Kingston, Ontario <ul style="list-style-type: none"> • Chaired a committee responsible for developing and designing advertising strategies for commissions, committees, services, and clubs associated with small student government corporation. • Organize committee and maintain communication among members. • Design print ads, flyers, notices and paint banners. • Compile and track information on use of campus media services for advertising/communication.
05/1996 - 09/1996	Software Developer and Tester Corel Corporation Ottawa, Ontario <ul style="list-style-type: none"> • Added user interface features, performed pre-alpha testing and fixed bugs in currently shipping products using C++. • Evaluated third-party software packages for bundling. Shipped products: <ul style="list-style-type: none"> • Corel CD Creator for Macintosh v1.1 • Corel VIDEO v1.6 (Enterprise video solution - Macintosh platform client)
07/1995 - 04/1996	Production Manager <i>The Queen's Journal</i> , Volume 123 (Alma Mater Society of Queen's University Inc.) Kingston, Ontario <ul style="list-style-type: none"> • Responsible for production process and final appearance of each issue of major biweekly (two issues per week) college newspaper. • Managed (and trained) pool of production contributors. • Coordinated layout schedules and use of computer resources. Developed more streamlined computer-based document workflow from copy-editing through to camera-ready flats. • Oversaw transition from Aldus PageMaker software to Quark XPress as primary instrument for layout of paper.
10/1994 - 04/1996	Layout Contributor <i>The Queen's Journal</i> , Volume 122 (Alma Mater Society of Queen's University Inc.) Kingston, Ontario <ul style="list-style-type: none"> • Laid out sections of college newspaper under direction of Production Manager and various Editors.
09/1992 - 02/1993	Planning/Marketing Assistant The Corporation of the Town of Markham, Transit Dept. (now absorbed into York Region Transit) Markham, Ontario <ul style="list-style-type: none"> • Assisted Transit Planner and Transit Technician with marketing strategies and administrative operation of mid-sized transit service. • Responsible for design, publication, and distribution of: transit notices, special schedules, survey forms; and assisted with a newsletter for users of mobility-impaired transit service. (Using Aldus PageMaker and CorelDRAW!.) • Collected raw data from computerized ticketing system and compiled statistics for archival purposes and for inclusion in reports to provincial coordinating transit agencies. • Assisted in compiling monthly and quarterly reports on transit usage, revenue, and other statistics for archive and review purposes. • Responsible for ensuring validity of transit/town planning maps, placement of bus shelters and stops. Coordinated with Town Planning office. • Conducted surveys and reported on transit usage to aid in planning transit routes. Recruited staff to assist in conducting these surveys. • Answered telephone inquiries about transit service and schedules.

Education history

1993-2000	Queen's University Kingston, Ontario <ul style="list-style-type: none"> • B.Sc. (Honours) degree, Computer Science (2000) • B.Sc. degree, Computer Science (1998)
1988-1993	Unionville High School Markham, Ontario <ul style="list-style-type: none"> • Ontario Secondary School Diploma, Ontario Scholar