

David Milford

address here
more address

phone# here
davemilford@gmail.com

SUMMARY Strong software development background with passion for computers and people. Have experience in team development in a large organization as well as independent developer for a small business. Motivated and possess strong communications skills.

EDUCATION Expected August 2006 University of Calgary Calgary, AB

- B.Sc. Computer Science (Internship), with concentration in Software Engineering
- GPA: 3.81 / 4.0

WORK EXPERIENCE

Compiler Analyst

May 2004 – September 2005

International Business Machines (IBM)

Markham, ON

- 16-month internship as part of the IBM Employment Pathways for Interns and Co-ops (EPIC) program
- developed a deep technical understanding of compilers and the C/C++ and Fortran programming languages
- provided “level two” service for IBM’s XL C/C++/Fortran compilers on AIX, Linux, and MacOS X worldwide
 - analyzed, debugged, and corrected customer code or environments that were too difficult or complex for “level zero” (call center) and “level one” (local) support
 - identified defects and worked with the development team to obtain a fix
 - extensive professional customer communication and interaction
 - optimized programs for performance in high-performance environments (eg, BlueGene/L, ASC Purple, high-performance computing clusters, etc)
- wrote and reviewed technical documentation that was published to the IBM website
- worked in a team of six to ten people, and also with various development teams and IBMers worldwide
- attended 2 full-day seminars on Customer Care & Communication, and a full-week course on compiler design
- attended CASCON 2004, 3 days of seminars on cutting edge software technology and trends

Software Developer

May 2003 - August 2003

The Stair Shoppe

Calgary, AB

- worked directly for the owner of a small business as the sole developer for a new application
- developed a program in Visual C++ .NET with an Access/Jet database back end to run basic company operations (eg, order management), and generate stair measurements and design details given general specifications
- quickly learned and became comfortable with a new development environment and API on my own
- extensive experience translating technical items into layman’s terms and vice versa due to a manager who was a carpenter by trade

COMPUTER SKILLS

- *Operating Systems:* Windows 95/98/Me, Windows NT/2000/XP/2003, Linux 2.0/2.2/2.4/2.6, Solaris 8/9, MacOS X, AIX 5.1/5.2/5.3
- *Programming Languages:* C, C++, C#, Java, Fortran 77/90/95/2003, Pascal, Visual Basic, x86, SPARC
- *Other Languages:* ASP, PHP, HTML, SQL
- *Software:* Microsoft Visual Studio, Microsoft Office, Microsoft Visio, Borland JBuilder, Borland C++ Builder, Adobe Photoshop, Eclipse, Metrowerks CodeWarrior, MySQL, PostgreSQL, Oracle, gcc/gdb, CVS, Subversion

INTERESTS AND ACTIVITIES

- programming in C, C++, C#, Java
- active interest in computers and computer trends
- video games
- playing acoustic guitar (self-taught)
- building and troubleshooting computers for friends and family