

Curriculum Vitæ:

Christopher Calzonetti

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Skills and knowledge

- Excellent system knowledge of Linux and Solaris systems
- Good knowledge of many scripting languages, including excellent knowledge of Perl and Python
- Good knowledge of web design and web-based development, including HTML, CSS, and JavaScript
- Working knowledge of many programming languages, including Java, C, and Fortran
- Working knowledge of database design and web integration
- Intimately familiar with many aspects of the software development cycle and its related tools

Job experience

- **Mathematics Faculty Computing Facility**, University of Waterloo, Waterloo, Ontario
Software Specialist
August 2004 - Present
 - System administrator for the Faculty's Linux and Solaris systems, specializing in services including nagios, sendmail, imap, samba, mysql and postgresql, and Apache httpd and Tomcat
 - Solely responsible for administering the MapleTA server, an online mathematics testing server based on tomcat used by students taking mathematics courses from all faculties
 - System support for researchers' computing needs, including determining hardware requirements, grant applications, hardware installations and OS and software installations and configuration
 - Facilitates communication between MFCF and the Combinatorics and Optimization department of the Faculty
- **Quarry Integrated Communications**, Waterloo, Ontario
Software Development Specialist
March 2000 - August 2004
 - Web developer, working primarily with Perl on Unix platforms
 - System Administration and Maintenance of several live web and production servers in a wide variety of configurations including WinNT/2k, Solaris and Linux, running Apache, IIS, and Enterprise, using MySQL and Oracle
 - Integrally involved in the creation and maintenance of websites for [Cendant](#), [BASF](#), [Lutheran Life](#) and several others.

- **Mortice Kern Systems**, Waterloo, Ontario
 Technical Support
 November 1997 - February 2000
 - Primary Source Integrity support representative as well as Product Integrations Specialist
 - Provided support by phone and e-mail as well as traveling to customer sites for consultation
 - Developed several scripts to help automate tasks

- **American Technologies Inc.**, Fond du Lac, Wisconsin
 Junior Developer
 May 1997 - October 1997
 - Primary developer on projects, using Visual Basic and VBScript
 - Administrator for both SQL database used for web-based applications as well as for NT server
 - Projects included on-line auction websites, and GPS enabled tracking/navigation system

- **Rowan Williams Davies and Irwin**, Guelph, Ontario
 Junior Analyst
 Summer 1995 (Co-op)
 - Maintained and improved existing in-house software for Wind Analysis studies
 - Performed numerical analysis for several projects, including water run-off, stress analysis and wind analysis studies

- **Canada Centre for Remote Sensing**, Ottawa, Ontario
 Junior Developer
 Fall 1994, Winter 1994 and Summer 1993 (Co-op)
 - Developed web-browsable catalogue for satellite imagery as well as several tools for generating the catalogue images from various formats
 - Developed replacement libraries for reading/writing data from magnetic tape storage as well as libraries that facilitated communication between packages written in Fortran and Cobol.

- **Math Faculty Computing Facility**, Waterloo, Ontario
 Systems Operator
 Fall 1992 and Winter 1992 (Co-op)
 - System operator for several Unix machines
 - Performed daily backups to tape
 - Sorted and filed printer output for users
 - Performed non-critical hardware maintenance as well as kernel upgrades

Education and background

- **University of Waterloo**
 September 1991 - December 1996
 - Four year co-operative honours degree in Applied Mathematics with a minor in Physics
 - Continued to take courses after graduation part-time, registered as a post-degree student.
- Avid cyclist and rock climber, and enjoy many other outdoor sports
- Math Orientation leader, '95, '96 and '98
- Actor in several KWLTL plays, as well as improvisational theatre, Theatre Sports (now called Theater on the Edge)