

# David Rysdam

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## Skills

**Languages:** Tcl/Tk, shell script, Scheme, Common Lisp, Python, C/C++, L<sup>A</sup>T<sub>E</sub>X

**Operating Systems:** GNU/Linux, Solaris, UNIX, Windows 95/98/NT

**Databases:** PostgreSQL, Sybase, Oracle

**Miscellaneous:** strong verbal and written communication skills, excellent troubleshooting and debugging skills, exceptional problem solving skills, good teams skills

## Work Experience

- **MIT Lincoln Laboratory** Lexington, MA  
*Software Engineer* *May 2004 - Present*
  - Designed architecture for new and existing software
  - Designed new algorithms and data visualization schemes
  - Designed, implemented, tested and deployed new features
  - Database administration on PostgreSQL and Sybase
  - Maintained daily data distribution system
- **OpenOne Corporation** Milford, NH  
*Software Engineer* *November 1999 - December 2003*
  - Tested, maintained and added features to email and address migration software under Windows
  - Ported multithreaded email server application to Linux on x86 and Alpha from Tru64 and AIX
  - Implemented RFC2060-compliant IMAP interface to email server
  - Provided customer technical support for email migration and email server software
  - Maintained users, disk space and operating software on internal servers and desktops
  - Overhauled automated development build process
  - Administered network infrastructure
- **InterWest Bank** Oak Harbor, WA  
*Programmer/Programming Team Leader* *July 1996 - October 1999*
  - Oversaw data import into and reports/extracts from data center
  - Managed programming team to maintain in-house programs and data
  - Devised and executed plan for fixing all in-house software for Y2K ahead of schedule and under budget with 100% success rate
  - Provided second-level in-house technical support and performed backup network administration

## Education

- **Calvin College** Grand Rapids, MI  
*B.A.Sc. Computer Science* *May 1995*