

Weldon Whipple

Curriculum Vitae

Higher Education

<i>Institution</i>	<i>Degree</i>	<i>Year</i>	<i>GPA</i>
University of Minnesota	M.S., computer science	1991	3.57/4.0
University of Nebraska-Lincoln	B.S., computer science	1983	3.827/4.0
University of Illinois	M.S., library science	1977	5.0/5.0
Brigham Young University	M.A., musicology/organ performance	1976	3.71/4.0
	B.A., music theory	1973	

I. Music Experience

Publications

Compositions

- *Award-Winning Preludes on Hymn Tunes for Organ* (Orem, UT: Wellspring Music, 1994; Knoxville, TN: Frog Music Press, 2004).
 - “Jesus, the Very Thought of Thee” (tune: St. Agnes) (Honorable mention, 1986 Joel Hills Johnson Music Contest).
 - “Away in a Manger” (tune: Luther’s Cradle Hymn) (1st place, 1987 Joel Hills Johnson Music Contest).
 - “Lead, Kindly Light” (tune: Lux Benigna) (2nd place, 1988 Church Music Contest).
 - “Did You Think to Pray?” (tune: Stockbridge) (2nd place, 1989 Church Music Contest).
 - “Oh, How Lovely Was the Morning” (tune: Divinity) (1st place, 1990 Church Music Contest).
 - “Prelude and Canon on ‘God Loved Us, So He Sent His Son’” (tune: Margaret) (2nd place, 1991 Church Music Contest).
 - “How Gentle God’s Commands” (tune: Dennis) (1st place, 1992 Church Music Contest).
 - “A Poor Wayfaring Man of Grief” (tune: Duane Street) (Award of Merit, 1993 Church Music Contest).
 - “While of These Emblems We Partake” (tune: Aeolian) (Special Recognition, 1994 Church Music Contest).
 - “I Am a Child of God” (tune: Child of God).
 - “The Lord Is My Shepherd” (tune: Forsaken).
 - “Come, Come, Ye Saints” (tune: All Is Well).
 - “Come, O Thou King of Kings” (tune: Sanford).
- *Carol of the Little Donkey*, for chorus SATB (Minneapolis, MN: Art Masters Studios, 1996).
- “Prelude on ‘Infant Holy, Infant Lowly’” (Zlobie), published in *The Sacred Organ Journal* (Dayton, Ohio: Lorenz, Nov/Dec 2005)
- “Prelude on ‘O Little Town of Bethlehem’” (St. Louis), published in *The Organist's Library*, v. 42. (Dayton, Ohio: Lorenz, Nov/Dec 2006)
- “Prelude on ‘It Came upon the Midnight Clear’” (Carol), published in *The Organist* (Dayton, Ohio: Lorenz, Nov/Dec 2006)
- “Prelude on ‘Once in Royal David’s City’” (Irby), published in *The Organ Portfolio*, v. 71, no. 2, p. 67-69. (Dayton, Ohio: Lorenz, Nov/Dec 2007)
- *Nine Meditations on Christmas Carols for Organ* (Orem, UT: Wellspring Music, 2010)
 - “It Came upon the Midnight Clear” (tune: Carol)
 - “Once in Royal David’s City” (tune: Irby)

- “Infant Holy, Infant Lowly” (tune: Zlobie)
- “O Little Town of Bethlehem” (tune: St. Louis)
- “I Wonder as I Wander” (tune: I Wonder)
- “See amid the Winter’s Snow” (tune: Humility)
- “Silent Night” (tune: Stille Nacht)
- “Away in a Manger” (tune: Cradle Song)
- “Away in a Manger” (tune: Luther’s Cradle Hymn)
- “America” (tune: My Country, ‘Tis of Thee). Downloadable at OrganMusicDownloads.com
- “Nearer, My God, to Thee” (tune: Bethany). Downloadable at OrganMusicDownloads.com
- “Arise, O God, and Shine” (tune: Darwall). Downloadable at OrganMusicDownloads.com
- “From All That Dwell below the Skies” (tune: Duke Street) Downloadable at OrganMusicDownloads.com
- “Come, Ye Disconsolate” (tune: Consolation). Downloadable at OrganMusicDownloads.com
- “More Holiness Give Me” (tune: My Prayer). Downloadable at OrganMusicDownloads.com
- “Should You Feel Inclined to Censure” (tune: Lower Lights). Downloadable at OrganMusicDownloads.com
- “Sweet Is the Work” (tune: Douglass). Downloadable at OrganMusicDownloads.com
- “Oh, Danny Boy” (tune: Londonderry Air).

Articles

- “Beethoven's Organ Trios: Authentic or Spurious?” *Diapason* 68 (July 1977) 1, 8-10.
- “The L.D.S. Hymnal, Views on Foreign Editions: The Japanese Hymnal.” *Dialogue: A Journal of Mormon Thought* 10 (Spring 1975/76) 53-54.

Master’s Thesis

- *Beethoven's Organ Works* (Brigham Young University, 1976)

Monographs

- *Beethoven’s Organ Works: A Study* (Orem, UT: Wellspring Music, 2016). ISBN 978-1-239-80129-5.

Awards and Prizes

- **1968:** First place, Ricks College hymn writing contest: “O Jesus, Crowned with Glory.”
- **1973:** de Jong Organ Award, Department of Music, Brigham Young University
- Church Music Contest, The Church of Jesus Christ of Latter-day Saints:
 - **1986:** Top entry, instrumental category: “Prelude on ‘Jesus, the Very Thought of Thee’”
 - **1987:** 1st place, instrumental compositions or arrangements division: “Prelude on ‘Away in a Manger’”
 - **1988:** 2nd place, instrumental compositions or arrangements division: “Prelude on ‘Lead, Kindly Light’”
 - **1989:** 2nd place, instrumental compositions or arrangements division: “Prelude on ‘Did You Think to Pray?’”
 - **1990:** 1st place, instrumental compositions or arrangements division: “Prelude on ‘Oh, How Lovely Was the Morning’”
 - **1991:** 2nd place, instrumental compositions or arrangements division: “Prelude and Canon on ‘God Loved Us, So He Sent His Son’”
 - **1992:** 1st place, instrumental compositions or arrangements division: “Prelude on ‘How Gentle God’s Commands’”
 - **1992:** Honorable mention, anthem/hymn arrangement division: “Come unto Me”
 - **1993:** Award of Merit, instrumental division: “Prelude on ‘A Poor Wayfaring Man’”
 - **1994:** Special Recognition: “Prelude on ‘While of These Emblems We Partake’”

Employment and Other Musical Activities

- **1963-68:** Organist, Idaho Falls 18th Ward, The Church of Jesus Christ of Latter-day Saints
- **1965-68:** Stake Organist, North Idaho Falls Stake
- **1973-76:** Graduate (teaching) assistantships in music theory and comprehensive musicianship, organ pedagogy, musicology, and library acquisitions (music), Brigham Young University, Provo, UT
- **1974:** Music engraver (part-time), Sonos Music Resources, Orem, UT
- **1977-81:** Music Cataloger, University Libraries, University of Nebraska-Lincoln
- **1977-83:** Ward Organist, Lincoln (NE) Ward, The Church of Jesus Christ of Latter-day Saints
- **1977-83:** Stake Organist, Bellevue (NE) Stake
- **1978-83:** Suzuki piano teacher (private studio), Lincoln, NE. Faculty member at semi-annual Suzuki Piano Workshops sponsored by the School of Music at the University of Nebraska-Lincoln
- **1984-92:** Ward Organist, Rochester (MN) Ward, The Church of Jesus Christ of Latter-day Saints
- **1984-92:** Stake Organist, Rochester (MN) Stake.
- **1993-2021:** President, Wellspring Music, Orem, UT
- **1996-2010:** Stake Organist, Orem (UT) Lakeview Stake , The Church of Jesus Christ of Latter-day Saints
- **1996-2003:** Member, General Music Committee, The Church of Jesus Christ of Latter-day Saints

Performance Awards

- **1973:** de Jong Organ Award, Brigham Young University Department of Music

II. Library Science Experience

University of Nebraska

Lincoln, NE (Assistant Professor, August 1977-December 1983)

- Music cataloger (1977-81); also cataloged Japanese, Asian studies, philosophy, religion, computer science, & psychology).
- Online Cataloging Supervisor (1981-83); supervised 11 paraprofessional staff.
- NEBASE representative to Music OCLC Users Group (1979-82).
- Presented the NEBASE AACR² Workshop on OCLC Formats (1981).
- Tenure approved 1983.

Union College

Lincoln, NE (Cataloger, Fall 1982-December 1983, part-time)

- Participate in conversion of card catalog to machine-readable form, using OCLC (all subject areas, using DDC and AACR²)

Rochester Public Library

Rochester, MN (Cataloger, May 1984-July 1992, part-time)

- Original cataloging of “difficult and unusual” materials.
- Catalog audio and video cassettes, compact discs, and A/V materials on SELCO regional online catalog, with input from OCLC as needed.
- Catalog U.S. Census publications on online catalog.
- Catalog foreign language materials (Japanese, Chinese, German, French, Italian, Vietnamese)

FamilySearch Digital Library

Orem, UT (Volunteer Cataloger, 2023-present, part-time)

- Copy cataloging of online resources using Koha online catalog.

III. Computer Science Experience

Employment

IBM Corporation

Rochester, MN (Junior/Associate/Sr. Associate/Staff Programmer, December 1983-July 1992)

- AS/400 Integration and Build Tools Team Leader (2 years).
- 370 (CMS, MVS), System/38, AS/400, OS/2, BSD, and AIX.
- NBSGet/Put/Sub networking tools for cross-compilation of System/36 on VM/370.
- Scripts for automating overnight cross-compilation of System/36, System/38 and AS/400 source code libraries on VM/370.
- First release of Integrated Development Support System (IDSS) source control library.
- CreateISDTape build tool to create customized stacked tape for OS/400 distribution.
- Port of The Integrated Reasoning Shell (TIRS) expert system from Unix to AS/400.

Rochester Community College

Rochester, MN (Adjunct Faculty, January-June 1992)

- Teach COMP 110 (Introduction to VAX and PC computers)
- Teach COMP 243 (Introduction to Programming and Problem Solving in C)

WordPerfect Corporation

Orem, UT (Senior Developer, August 1992-November 1995)

- Programming on VM/370, AS/400, Windows, Macintosh, Unix, Linux and NetWare, in C, C++ and Java.
- Menu-driven GUI for WordPerfect/400.
- Single-source for Windows, Mac and Unix.
- Filters (RTF, WinHelp, HTML), Japanization, debugging tools for QuickFinder Search.

(Note: Novell, Inc. purchased WordPerfect in June 1994.)

Ameritech Library Services

Provo, UT (Software Engineer, November 1995-March 1996)

- Object-oriented analysis and design of automated library systems

Novell, Inc.

Orem and Provo, UT (Software Engineer, March 1996-September 2000)

- Conversion of original QuickFinder to OLE PerfectOffice component using Unicode.
- NetWare Web Search (Web servlet-based version of QuickFinder)
- Web servlet-based administrative interface to NetWare Web Search

NTT/Verio

Orem, UT (Software Engineer, September 2000-January 2006)

- Perl scripts for maintenance of PersonalWeb shared hosting, solving Pine, FTP, and LDAP problems.
- Sendmail upgrades (versions 8.8.6 through 8.13.x) of FreeBSD and Solaris Virtual Private Servers (VPS), 400,000+ domains.
- Internationalization APIs for Apache, Qmail, and XML/XSLT-based web interfaces in C and Perl.
- Email optimization, authentication, encryption, spam and virus filtering, customization.

- Web analytics for VPS and Signature shared platforms.
- Scripts for distribution of software changes to VPS and Signature servers.

Lingotek

Provo, UT (Software Engineer, January 2006-July 2007)

- Design and implementation of Java servlet-based (Tomcat) language search engine for translators.
- Native format-to-XLIFF converters using Java and SAX (XML) parsers on Linux and other platforms.
- Current owner of the File2XLIFF4j project on SourceForce.net.
- Implementation of a document repository to store and serve translations in progress.

Perfect Search Corporation

Orem, UT (Senior Programming Engineer, July 2007-October 2008)

- Design and implementation of high speed indexing and search retrieval software, using C++ and Perl.
- Search verification and timing tools implemented with XML, XSLT, XHTML, Perl, OpenOffice.org, wget, xalan and xmllint.

Bluehost

Orem/Provo, UT (Senior Software Engineer, October 2008-October 2012, April 2015-May 2018)

- Modify/patch MySQL for statistics and throttling.
- Write Apache modules and Spam Hammer greylisting daemon for Exim.
- Perl programming of Skynet/Freeside and HAL.

BetterLinux

Provo/Orem, UT (Senior Developer, October 2010-April 2015) [Bluehost spinoff]

- Full stack programming
- Modify MySQL/MariaDB source code
- Write Apache modules
- Create cPanel backend hooks and web-based WHM plugins
- Use Linux, MySQL/MariaDB, cPanel, C, C++, Perl, HTML/CSS/YUI, Riak

iAppWriters, LLC

Orem, UT (CEO and programmer, November 2009-2023)

- Write iOS and Android apps in German and English (7 apps in App/Play Stores)
- Swift, Obj-C, Java, Kotlin, C, I18n/L10n, OOD/OOP, Unity-3d

Computer Skills

- Full stack programming (including LAMP)
- MVC (Model – View – Controller) development
- XML programming with Java, Perl, SAX, DOM, XSL, xalan and xmllint
- Software internationalization (I18N) and localization (L10N), including Asian and CTL (Complex Text Layout, e.g. Arabic and Devanagari-based) languages.
- Advanced computer programming, data analysis and software development.
- Programming with regular expressions in Perl, JavaScript, Python, Java, other languages
- IBM mainframe/mini, FreeBSD/Unix/Linux, Raspberry Pi OS, PC/Windows, Mac OS, iOS, Android and NetWare operating systems.
- Computer networking (TCP/IP, Windows, NetWare, Linux/Unix, wireless); CNE certification.

- Programming in REXX, C, C++, Java, Perl, Python, C#. XML/XSL, XHTML, many others.
- SQL databases: MySQL, SQLite, PostgreSQL, Oracle, SQL/VS, DB/2.
- Microsoft OLE, COM, and Compound Document technologies.
- E-mail (Sendmail, POP and IMAP) programming, configuration and customization.
- Web servers: Apache, Tomcat, Nginx, WebSphere, IIS, Netscape.
- Development methodologies: structured programming, OOA/D/P, eXtreme/Agile, TDD, rapid prototyping, and Waterfall methods.
- Data collection, programming and development for 170,000+ page genealogical web site.

IV. Other

Foreign Languages

- Japanese (fluent listening, speaking; working reading, writing)
- German, Latin (working knowledge)
- French, Italian, Spanish (2nd year college level)
- Mandarin, Korean (1st year college level)
- Greek, Arabic (introductory level)