

**Christopher Yavelow** is a composer, author, multi-media producer, and educator. He received graduate degrees in composition and theory from both Boston University and Harvard University. He earned diplomas and certificates at the *Franz Liszt Zene Akadémia*, the *Conservatoire Darius Milhaud*, the *Darmstadt Internationale Ferienkurse*, and the *Conservatoire Américain de Fontainebleau*. He spent a year studying composition, harmony, and analysis with Nadia Boulanger.

As a composer, Christopher Yavelow has been honored with more than three dozen international awards and fellowships. One of his operas, *The Passion of Vincent van Gogh*, was commissioned by the National Endowment for the Arts. His award-winning chamber opera *Countdown*, sponsored by the National Institute of Musical Theater, received accolades as the first opera in cyberspace.

Professor of composition at Claremont Graduate School for five years, he also taught at the University of Texas in Dallas, the American Film Institute’s AFI-Apple Center for Film and Videomakers, and at the Kodak Center for Creative Imaging.

As a multimedia producer he led the production of the first CD-ROM for the Netherlands’ VPRO Television Network. Subsequently, he developed LEGO’s first CD-ROM to accompanying Technic Submarine model 8299; it went on to win SIME’s Best Scandinavian CD-ROM award, as well as the Danish Design Prize.

From 1997 through 2000, he used his revolutionary YAV Music Engine™ as the core of an intelligent algorithmic film-scoring exhibit at the newMetropolis Center (now called NUMO) in Amsterdam. Yavelow calls the technology “adaptive music.”

His *Macworld Music and Sound Bible* (IDG) was awarded the Computer Press Association’s “Best Advanced How-To Book.” He co-authored Random House’s *Mastering the World of QuickTime* and two book/CD-ROMs: Random House’s *Multimedia Power Tools* and Hayden’s *Macintosh Virtual Playhouse*.

From 1995 through 1999 he was editor of A-R Editions’ *Computer Music and Digital Audio Book Series*. His articles have been published by *Electronic Musician*, *Computer Music Journal*, *Macworld*, *Macromedia User Journal*, and *New Media*.

**Christopher Yavelow** est compositeur, auteur et professeur, ainsi que producteur multimedia. Il obtint ses diplômes de composition et de théorie à l’université de Boston et à l’université de Harvard. Il reçut des certificats de la *Franz Liszt Zene Akadémia*, du *Conservatoire Darius Milhaud*, des *Darmstadt Internationale Ferienkurse* et du Conservatoire Américain de Fontainebleau. Pendant une année, il étudia chez Nadia Boulanger à Paris.

Christopher Yavelow reçut un grand nombre de prix internationaux et de bourses pour ses compositions. Un de ses opéras, *The Passion of Vincent van Gogh*, a été commandé par le *National Endowment for the Arts* (Washington, D.C.).

Il fut entre autre professeur de composition à la *Claremont Graduate School* pendant cinq ans et enseigna également au *AFI-Apple Center for Film and Videomakers* (American Film Institute) et au *Kodak Center for Creative Imaging*.

Son livre *Macworld Music and Sound Bible* (IDG Books Worldwide) reçut le premier prix dans la catégorie Best Advanced How-To Book de la Computer Press Association. Il est coauteur du livre *Mastering the World of QuickTime* (Random House) et de deux livres/CD-ROM: *Multimedia Power Tools* (Random House) et *Macintosh Virtual Playhouse* (Hayden Books).

Ses articles paraissent régulièrement dans divers magazines, parmi lesquels: *Electronic Musician*, *Computer Music Journal*, *Macworld*, *Macromedia User Journal*, *New Media* et *Verbum*. Depuis 1995 il est redacteur-en-chef de la *Computer Music and Digital Audio Book Series* (A-R Editions, Madison, Wisconsin).

**Christopher Yavelow** is componist, auteur, multimedia producer en docent. Hij behaalde titels in componeren en muziek theorie aan de Boston University én de Harvard University. Hij bezit diploma’s en certificaten van de *Franz Liszt Zene Akadémia*, de *Conservatoire Darius Milhaud*, de *Darmstadt Internationale Ferienkurse* en de *Conservatoire Américain de Fontainebleau*. Gedurende één jaar studeerde hij bij Nadia Boulanger in Parijs.

Als componist heeft Christopher Yavelow tientallen internationale prijzen en beurzen ontvangen. Een van zijn operas, *The Passion of Vincent van Gogh*, was een opdracht van de National Endowment for the Arts (Washington, D.C.).

Gedurende vijf jaar was hij docent componeren aan de *Claremont Graduate School*. Bovendien doceerde hij aan het *AFI-Apple Center for Film and Videomakers* (*American Film Institute*) en aan het *Kodak Center for Creative Imaging*.

Zijn boek *Macworld Music and Sound Bible* (IDG Books Worldwide) ontving de eerste prijs in de categorie *Best Advanced How-To Book* van de *Computer Press Association*. Hij is medeauteur van het boek *Mastering the World of QuickTime* (Random House) en van twee boek/CD-ROMs: *Multimedia Power Tools* (Random House) en *Macintosh Virtual Playhouse* (Hayden Books).

Zijn artikelen verschijnen regelmatig in tijdschriften zoals *Electronic Musician*, *Computer Music Journal*, *Macworld*, *Macromedia User Journal*, *New Media* en *Verbum*. 1995–1999 was hij hoofd-redacteur van de *Computer Music and Digital Audio Book Series* (A-R Editions, Madison, Wisconsin).

**Christopher Yavelow** ist Komponist, Autor, Multimediaproduzent und Professor. Er promovierte in Komposition und Theorie an der Universität Boston und der Universität Harvard. Ausserdem besitzt er Diplome und Zeugnisse von der *Franz Liszt Zene Akadémia*, dem *Conservatoire Darius Milhaud*, den Internationalen Ferienkursen in Darmstadt und dem *Conservatoire Américain de Fontainebleau*. Ein Jahr lang studierte er Komposition, Harmonie und Analyse bei Nadia Boulanger in Paris.

Als Komponist hat Christopher Yavelow mehrere Dutzend internationale Preise und Stipendien erhalten. Eine seiner Opern, The Passion of Vincent van Gogh, komponierte er im Auftrag des National Endowment for the Arts (Washington, D.C.).

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Während fünf Jahren war er Professor für Komposition an der *Claremont Graduate School* in Kalifornien. Ausserdem lehrte er am *AFI-Apple Center for Film and Videomakers* (*American Film Institute*) und am *Kodak Center for Creative Imaging*.

Sein Buch *Macworld Music and Sound Bible* (IDG Books Worldwide) empfang den ersten Preis in der Kategorie *Best Advanced How-To Book* von der *Computer Press Association*. Er ist Koautor des Titels *Mastering the World of QuickTime* (Random House) und von zwei Büchern cum CD-ROM: *Multimedia Power Tools* (Random House) und *Macintosh Virtual Playhouse* (Hayden Books).

Seine Artikel erscheinen regelmässig in verschiedenen Zeitschriften, unter anderen: *Electronic Musician*, *Computer Music Journal*, *Macworld*, *Macromedia User Journal*, *New Media* und *Verbum*. Seit 1995 ist er Chefredakteur der *Computer Music and Digital Audio Book Series* (A-R Editions, Madison, Wisconsin).

## Clients

The Addison Group (for Nippon Gakki — Yamaha) • Advanced Music Notation Systems • Charles Ames (Cybernetic Composer) • Alive Films (Wes Craven, Shocker) • Apple Computer (Benelux) • Apple Computer (QuickTime) • Apple Computer (Vivarium Project) • Articulate Systems (Voice Navigator) • The Associate Artists Opera Company • Bantam Books • Blackstone (The Magician, Las Vegas) • Blue Line Studios (The Castle) • Bruce Babcock (McGyver) • “Reverend” Dave Boruff • Camargo Foundation (Cassis, France) • Case Western University • Stuart Challender (Conductor, Australian National Symphony Orchestra, and Sydney Opera) • Chicago University Press • Coda Music Technology (now: MakeMusic) • CompuColor (The Netherlands) • Computer Professionals for Social Responsibility • Stewart Copeland (film composer, recording artist) • The James Cotton Blues Band • Culver City Chamber of Commerce • James Di Pasquale (*One Crazy Summer*) • Dutch Computer Music Center (CMI) • Earth, Wind, and Fire (recording artists) • E-Mu Systems (Proteus 2) • European American Music (for B. Schott’s Söhne) • Bob Ezrin (producer of Pink Floyd, etc.) • John Foley (composer) • Dominic Frontiere (*Stuntman, Color of Night*, The Outer Limits) • Gordon Getty (*Plump Jack, Ehemals*) • Richard Glaser (He-Man and other Saturday morning cartoons) • Bill Goldstein (*Fame, Hello Again, Shocker*) • Jay Gruska (*Shadow Dancing*, thirtysomething) • Haines, Russ, McMurry, and de Recat • Herbie Hancock (film composer, recording artist) • HLC Killert Music (Hollywood) • Pat Hollenbeck (for John Williams' *New England Time Capsule*) • Holy Cross College • Alan Howarth (Hollywood sound designer, composer) • Doug Ingle (Iron Butterfly) • Intelligent Computer Music Systems (M and Jam Factory) • Ron Jones (Star Trek — The Next Generation) • David Kahn (producer of The Bangles, etc.) • Michael Kamen (*Mona Lisa, Lethal Weapon, The Wall*) • Kansas (Steve Walsh) • Fred Karlin (*Up the Down Staircase*; “On the Track”) • Michael Kaye (*Les Contes de Hoffmann* — Wiener Staatsoper) • The Kurzweil Foundation (Cybernetic Composer) • Kurzweil Music Systems (K250, K2500, and 1000 series) • Mike Lang (Hollywood pianist, synthesist) • Otto Laske (computer music pioneer) • LEGO (Danish toy manufacturer) •Oliver Leiber (song writer, producer) • Jeff Lorber (fusion artist, producer) • Mathew McCauley (Hollywood composer) • Tod Machover (MIT Media Lab) • Macintosh Entertainment Guild of America (MEGA) • Gene Mackels (WGBH — Boston) • Christopher Medak (director) • Robert Mein (*Delta Force III*) • Bruce Miller (Knots Landing, Amen, She’s the Sheriff) • Paul Mirkovich (keyboardist for Cher) • Robert Moog (synthesis pioneer) • Patrick Moraz (Yes, The Moody Blues, Swiss Septicentennial ) • MusicNET • MusicWorks, Inc. • NEMO: The NewMetropolis Center for Science and Technology (Amsterdam, The Netherlands) • New England Conservatory • New England Telephone (for Mayor Flynn of Boston) • The Opera Quarterly • Chris Page (Hollywood composer) • John Andrew Parks III (recording artist: Planet Texas) • Trevor Rabin (Yes) • Radio Netherlands • Bob Ralston (organist, formerly with Lawrence Welk) • Random House Publising • Random House Electronic Books • Saturday Morning Music, Inc. • Steve Reich (composer) • Joel Rosenbaum (Hollywood composer) • Steve Schaeffer (Hollywood percussionist) • Schirmer Books • Scripps College (Claremont, CA) • Stan Sheldone (Sheldon Music Services) • SUNY—Binghampton • SUNY—Stonybrook • Swiss Computer Music Center (Bruno Spoerri) • Yvan Tcherepnin (director: Harvard Electronic Music Studio) • Ian Underwood (Hollywood pianist, synthesist) • University of Utah • Vladimir Ussachevsky (electronic music pioneer) • David Vasser (Unsolved Mysteries) • Verbum Magazine (Verbum Interactive) • Vienna Staatsoper (Tales of Hoffman) • Miroslav Vitous (Symphonic Orchestra Samples) • VPRO Television (Netherlands) • W.G. “Snuffy” Walden (thirtysomething, Wonderyears) • Rob Walsh (Hollywood composer) • Burt Ward (actor, CDI developer) • Wheaton College • Alan White (Yes) • David Zicarelli (interactive software wizard) • **C o n s u l t a n t a n d / o r B e t a T e s t e r f o r** : Advanced Music Notation Systems • Affinity Microsystems • Allegiant • Apple Computer • Articulate Systems • Coda Music Technology • Digidesign • Dr. T’s Music Software • Electronic Arts • E-mu Systems • Farallon Computing • Graphic Notes • Great Wave Software • H.B. Imaging • Hip Software • Intelligent Music • Kurzweil Foundation • Kurzweil Music Systems • Macromedia • Macromind, Inc. • Mark of the Unicorn • Opcode Systems • Passport Designs • Sibelius Music • Silicon Beach Software • Southworth Music • Sweetwater Sound • Temporal Acuity

**122 Greenmeadow Dr.**

**Timonium, MD 21093**  
**USA**

Bytehoven  
at gmail.com

**fixed: (410) 252-3620**  
**mobile: (410) 350-9775**  
*(numbers current as of 2008)*

**ChrisYavelow.com**

# Chris Yavelow

## Degrees and Diplomas in Music

Harvard University, M.F.A. (terminal)

Boston University, B.Mus., M.Mus.

Five years postgraduate study in Europe

One year with Nadia Boulanger (France)

Franz Liszt Zene Akadémia (Hungary)

Darmstadt Hochschule Ferienkurse (Germany), Diploma

Conservatoire Darius Milhaud (France), Diploma

American Conservatory at Fontainebleau (France), Diploma

Earl Hagen Film Music Composition Seminars (Hollywood)

ASCAP Film Scoring Workshops (Hollywood)

## Awards and Fellowships (40+)

First Annual Apple GarageBand Competition (MacIdol): Third Prize

Best Scandinavian CD-ROM (SIME)

Danish Design Centre: Industrial Design Prize

Computer Press Assoc. Award: Best Advanced How-To Book

Southwest Virginia Opera Competition: First Prize

Rencontres Internationales de Chant Choral: Grand Prix

Association of Multi-Image: Gold Metal Award

National Endowment for the Arts (NEA) Grant

International Research and Exchanges Board (IREX) Grant

Phi Mu Alph Sinfonia Prize

MacDowell Colony Fellowship

Camargo Foundation Fellowship

Naumburg Fellowship

Victor Herbert ASCAP Award

The Francis Boote Choral Music Award

The New York Musicians Club Prize

## Teaching (12+ years)

University of Maryland—University College (current)

University of Texas at Dallas (Associate Professor)

Claremont Graduate School (5 years)

The Paris-American Academy (France)

Schiller College (Music Department Chairman)

Constantijn Huygens Conservatory (Netherlands)

AFL-Apple Center for Film and Videomakers (2 years)

Stichting Kreft Advies Opleidingen (Haarlem, Netherlands)

Kodak Center for Creative Imaging (Camden, Maine)

Kodaly Graduate Summer Program (Texas)

Harvard University (Teaching Fellow: Music Composition)

Alexandria Conservatory of Music (Virginia)

## Administration

Series Editor: Computer Music and Digital Audio Series (5 years)

President: Maryland Apple Corps (2 years)

Board Member, American Film Institute-Apple Center (3 years)

Music Director, Los Angeles MacFEST (2 years)

Board Member LAMG—Los Angeles Macintosh Group (3 years)

Co-Director, MacMusicFest 1.0 and 2.0 (2 years)

Founding Director, FUGUE—Finale Users’ Group (6 years)

Executive Officer, NEWCOMP (4 years)

Director, MEGA—Macintosh Entertainment Guild (3 years)

Camargo Foundation Composer Committee (5 years)

Director, Festival Musical du Château de Pourtalès (1 year)

Co-Director, The Annex Players (4 years)

## Commissions

Boston Lyric Opera Company (*Countdown*)

National Endowment for the Arts (*Passion of Vincent van Gogh*)

The Empire Brass Quintet (*E-Prime*)

Modern Times Theater (*The Caucasian Chalk Circle*)

The Williams College Trio (*Ritual and Sabotage*)

Computer Professionals for Social Responsibility (*Reliability and Risk*)

The Paris-American Academy (*Monday Morning Fantasy*)

Kodaly Musical Training Institute (*Auguries of Innocence*)

Yamaha International Corporation (*Nippon Gakki Ideograms*)

Yvar Mikhashoff (*Drones and Interpolations*)

## Composer-in-Residencies

Cummington Community for the Arts (Massachusetts)

University of Texas at Dallas

Camargo Foundation (Cassis, France)

Cité Internationale des Arts (Paris, France)

MacDowell Colony (New Hampshire)

Windhover Center for the Creative and Performing Arts (Massachusetts)

## Publications (100+)

Computer Music and Digital Audio Series — A-R Editions (Series Editor)

MuseLetter (Editor-in-Chief)

Verbum (Music Editor)

Macworld (Contributing Editor)

Electronic Musician (Regular Contributor)

New Media (Contributing Editor)

Computer Music Journal (Macintosh Product Editor)

Macromedia User Journal (Contributing Editor)

Mac-In-Touch (Associate Editor)

Music Technology (Regular Contributor)

Music, Computers, & Software (Regular Contributor)

Audio Engineering Society Journal (Feature Contributor)

Macweek (Feature Contributor)

Byte Magazine (Feature Contributor)

## Invited Speaker (80+ Conferences)

Festival van Contrasten 40 Jaar Erasmusprijs — “*Houdt de Dief?*” (Amsterdam)

Apple Expo (Amsterdam, Rotterdam)

Macromedia Users Conference (Amsterdam)

Information Superhighway G7 Conference (Amsterdam)

Donemus Studiedag Multimedia (Hilversum)

KIO: “Day of the 6 Senses” (Amsterdam)

International QuickTime & Multimedia Conference (San Francisco)

Digital World (Los Angeles)

Macworld Expo (San Francisco and Boston)

National Association of Music Merchants (Anaheim)

Apple University (Cupertino)

Computer-based Education & Composition Conference (Fullerton)

MacMusicFest (Hollywood)

Seybold Publishing Conference (Santa Clara)

CDI Producers’ Conference (Los Angeles)

Music, Computers, & Education (Salt Lake City)

AES: “Music and Digital Technology” (Los Angeles)

International Computer Music Conference (The Hague)

IRCAM Small Computer Symposium (Paris)

1st International Notation Workshop (Zürich)

American Musicological Society Conference (Massachusetts)

50th International Opera Symposium (New York)

## Author

### Tree of Life

(*pen name: Chris Lovevay*)  
344 Pages • ISBN: 978-0-9790221  
A Novel; Genre: Techno-Thriller

### A Player’s Reference Guide - Kurzweil 250

Kurzweil Music Systems  
442 Pages • KMS P/N: 91005901  
User manual for a high-end digital music workstation: the Kurzweil 250.

## Co-Author

Random House: Book with CD-ROM  
640 Pages • ISBN: 0-679-79118-3  
Wrote all chapters on Music and Audio. Score and Tutorial for CD-ROM.

### Mastering the World of QuickTime

Random House  
218 Pages • ISBN: 0-679-74291-3  
Wrote chapters on QuickTime & Sound and Storage (40% of the book).

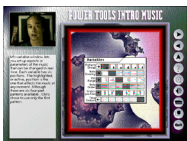
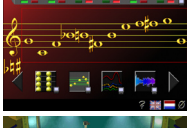
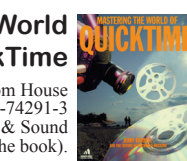
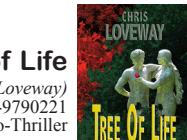
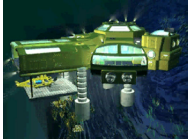
## Contributing Author

Random House: Book with CD-ROM  
785 Pages • ISBN: 1-56830-078-6  
Wrote Sound and MIDI Sections  
Created “Sound” section of CD-ROM

MIT Press  
Editor: Curtis Roads  
725 Pages • ISBN: 0-262-18131-2  
Chaptr: “Music and Microprocessors: MIDI and the State of the Art.”

Random House: Book with CD-ROM  
640 Pages • ISBN: 0-679-79118-3  
Wrote all chapters on Music and Audio. Score and Tutorial for CD-ROM.

## Interactive Media Design and Programming



### Music & Sound Bible

IDG (*Foreword by Herbie Hancock*)  
1450 Pages • ISBN: 1-878058-18-3  
“Best Advanced How-To Book”  
Computer Press Association.

### Macworld Music & Sound Bible

(Japanese Edition: Fusosha)  
1395 Pages • ISBN: 4-594-01192-6  
Marketed with *Macintosh MIDI & Music Video Bible* (BMG Victor)  
Robert Moog interviews Yavelow.

### Multimedia Power Tools

Random House: Book with CD-ROM  
640 Pages • ISBN: 0-679-79118-3  
Wrote all chapters on Music and Audio. Score and Tutorial for CD-ROM.

### Virtual Playhouse for Macintosh

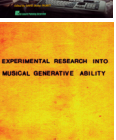
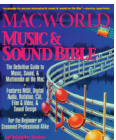
Hayden Books: Book with CD-ROM  
785 Pages • ISBN: 1-56830-078-6  
Wrote Sound and MIDI Sections  
Created “Sound” section of CD-ROM

### Making Music With Your Computer

EM (Electronic Musician) Books  
(Hal Leonard Publishing Corporation)  
128 Pages • ISBN: 0-7935-1990-X  
Chapter on Music Notation Software

### Experimental Research into Musical Generative Ability

Authors: Mária Sági, Iván Vitányi  
Institute for Culture, Budapest  
149 Pages • PN: 78086  
Wrote introduction, edited book.



### Dramatico-Musical Works

BEHOLD ICARUS (chor: Seitz) *orchestra and mime troupe*  
BODY-MIND-SPIRIT (chor: Celina) *audio and dancers*  
BISOLILOQUY (chor: Hahn) *septet and two dancers*  
THE CAUCASIAN CHALK CIRCLE (Brecht) *play with music*  
COUNTDOWN (Harrington) *opera in one act*  
ETCETERA (chor: Hahn) *audio and dancers*  
HECUBA and POLYXENA (chor: Hahn) *piano and dancers*  
MALEDICTION (chor: Hahn) *audio and dancers*  
METAMORPHOSIS of the PIERIDES *audio and dancers*  
NARCISSUS and ECHO (chor: Hahn) *audio and dancers*  
THE PASSION of VINCENT VAN GOGH *opera in 3 acts*  
THE ROGUE *opera in one act*  
SERMON *for 12 instruments and slides*  
WOMAN *chamber opera in 7 scenes*

### Orchestral Works

AND THEN WE SAW A SEA LION *concerto for marimba*  
AXIS *large orchestra*  
CONCERT OVERTURE *orchestra*  
MONUMENT *string orchestra*  
SEVEN MIKROPHONAE *orchestra*

### Choral Works

AUGURIES OF INNOCENCE (Blake) *SSAA*  
DONA NOBIS PACEM (*Editions à Coeur Joie*) *SSAA*  
DRIFTWOOD (Haggerty) *SATB*  
FEAR AND MISERY OF THE THIRD REICH (Brecht) *SATB*  
IF THE GULF IS DEEP (Brecht) *SATB*  
KYRIE *SATB and orchestra*  
SHOES OF GOLD (Brecht) *SSA*  
SONG OF INJUSTICE IN PERSIA (Brecht) *SATB*  
THE LORD’S PRAYER *SATB*  
THE HORSE WITH VIOLIN IN MOUTH (Ferlinghetti) *SSAA and string orchestra or piano*

### Vocal Works

THE CANDLE (Brecht) *bass & piano*  
FOUR GENERALS (Brecht) *mezzo & prano*  
FOUR SONGS OF SAPHO (Sappho) *mezzo & piano*  
GRUSHA’S LULLABY (Brecht) *mezzo & piano*  
HOW HAS IT ESCAPED ME? (Porter) *mezzo & piano*  
LAMB OF GOD (Yavelow) *voice & piano*  
MARCHING SONG (Brecht) *bass, baritone, & piano*  
THE TORMENT (Eliot) *soprano & piano*  
U.S.A. (Yavelow) *mezzo & piano*  
WHAT COULD SHE SAY... (Ferlinghetti) *mezzo & piano*

Most works (except DONA NOBIS PACEM) available from American Composers Edition, 170 West 74th Street, New York, NY 10023. (212) 362-8900. Performance tapes for many of the works may be obtained from the composer, The American Composers Alliance, The American Music Center Library, The Rogers and Hammerstein Library of The Lincoln Center (New York), or The Bibliothèque Nationale de Musique Contemporaine (Paris).

## Software Development (examples)

### FictionFixer

FictionFixer™ tracks and analyzes more than 250 characteristics of current best-selling novels. The software combines this data with a consensus of expert advice and opinion to define a model representing what the public expects from such books. FictionFixer matches every corresponding aspect of a manuscript-in-progress to the current model, a specific work, or both. Visit FictionFixer.com.

### Email Magician

Email Magician® is the one-click solution to managing email. By analyzing one’s normal email traffic, the program automatically creates filters, mailboxes, and address book entries. Email Magician’s powerful spam filters check 2000 spam characteristics. This popular utility, intended for use with Eudora, was the first commercial anti-spam product for the Macintosh (or Windows).

### MusicMorph

MusicMorph® simulates an on-screen children’s flip-book where the head, body, and legs of a number of composers (Bach, Beethoven, Strauss, Wagner, Debussy, Schoenberg, and Stravinsky) can be interchanged to create new, hybrid composers such as “Ludwig Sebastian Wagner” or “Claude van Bach.” The software uses the YAV Music Engine (YMET™) to generate new music in this pseudo-style.

### PushBtnBach

PushBtnBach® generates new minuets in the style of Bach. Other features include saving standard MIDI files and real-time re-orchestration. A version under development provides control over the amount and proportions of “influence” that up to six minuet models exert upon eight groups of parameters: Global, Form, Pitch, Rhythm, Harmony, Nuance, Texture, and Methods.

### CyberMozart

CyberMozart®, an implementation of Mozart’s Musical Dice Game, generates new pieces in the style of Mozart by simulating dice tosses according to a system devised by Mozart himself. Other features include notation, scrolling playback, printing, saving notation files as well as type 1 or type 0 standard MIDI files, and real-time editing of tempo, transposition, track volume, and instrumentation.

### Spike

Spike® is a batch-processing, data-spike detection and analysis tool for QuickTime movies. Given a batch of QuickTime movies, Spike determines which ones provide optimal playability from a variety of target media and delivery systems. Other features include detailed data-rate graphs, “Spike Alerts” and reports referenced in frames-per-second and SMPTE, several preview options, and batch processing.

### MetaTag Manager

Meta Tag Manager®, the first and only software of its kind for the Macintosh, analyzes, automates, intelligently batch processes, and optimizes all meta tag matters in HTML documents and across entire web sites. Meta Tag Manager enhances search engine relevancy ranking to assure that queries that should find a particular page or web site, do, in fact, find that page or site.

## Music (representative works)

### Chamber Works

AFTER SATIE *flute & piano*  
CHUT *contrabass & voice*  
DIMENSION-L *bassoon, trombone, contrabass, piano*  
E-PRIME *brass quintet*  
AN EXPLANATION OF ONE MECHANICAL MAN *clarinet & cello*  
FANFARE *2 trumpets, 2 timpani*  
INTROSPECTIONS *2clar, bsn, 2trp, rb, vln, vla, vc*  
MELLOW MAIDENS *violin & piano*  
MOMENTS *oboe, clarinet, bassoon*  
MONDAY MORNING FANTASY *woodwind octet*  
MULTIPLES & METAPHASE *string quartet & brass soloist*  
NERO’S TOMB *trombone quartet*  
NOCTURNE *clarinet & piano*  
PHI-LINGS *clarinet, violin, cello, piano*  
QUINTET *clarinet & string quartet*  
RENCONTREBASSE *2 contrabasses*  
RITUAL & SABOTAGE of the 20th CENTURY *violin, cello, piano*  
SONATA *2 trumpets*  
SONEPTUA *string quartet*  
STONE GROUND *cello & piano*  
STRING QUARTET #1 *string quartet*

### Works for Solo Instruments

DRONES and INTERPOLATIONS *piano(s)*  
I’LL BE SEEING YOU *piano*  
IMAGE OF THE RIVERSIDE *piano*  
METAPHASE *solo instrument*  
MULTIPLES *piano*  
NIPPON GAKKI VARIATIONS *TX816 & DX7*  
PERMUTATIONS OF SILENCE *2 trumpets*  
PLAYING w/MYSELF *solo instrument & tape recorder*  
SEVEN TEXTURES *piano*  
YAVELOVELATIONS *piano, four hands*

### Film, Video, AV, Multimedia

BAB VARIATIONS *interactive*  
CHESAPEAKE VERSE (Yeager) *videotape*  
GREEN *AV*  
IMAGINARY CONVERSATIONS (Haleen) *AV*  
INTERCOSMOS *16mm animation*  
HEALTH LINE (N.E.T.) *videotape*  
MOUSSE DU JOUR *interactive*  
NERUO-VADA (Haleen) *interactive*  
PLAYING w/MYSELF (Beams) *videotape*  
RELIABILITY AND RISK- COMPUTERS AND NUCLEAR WAR *AV*  
SOMETHING LIKE, WELL... I CAN’T REMEMBER THE NAME OF IT (Haleen) *interactive*

