

# Michael Cooke

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## SKILLS:

A quality assurance manager & release engineer with over 16 years experience in multimedia, ITV, audio-visual technologies, Internet technologies and computer graphics.

## QUALIFICATIONS:

Experience with or expert in the following systems & tools:

- Internet authoring, HTML, XML, CSS, JavaScript, PHP, SQL, Flash, Flex
- Personal TV appliances, DVR systems
- Creating and delivering **ATVEF** (TVML) content
- Producing audio CDs, educational CD-ROMs, and websites
- Interactive multimedia presentations
- Software quality assurance
- Digital graphics, X3D
- Digital audio, MIDI, including recording engineering
- Digital video, including broadcast TV
- Visual Studio .net
- Installshield, building installers and automated build systems
- Shell scripting & source code management cvs, svn
- MacOS, Windows & Linux

## EXPERIENCE:

Quality Assurance Manager & Release Engineer - **Vivaty** Sept 2007-Current

- Responsible for creating a QA department, the testing processes and version control
- Tested MYSQL sharded dbs, client plug-in, server apps and websites
- Wrote Firefox add-on for Vivaty
- Administer proper source code control and procedures
- Managing the bug database
- Writing release notes and installation procedure documentation
- Building and writing installing software (Installshield)
- Created an automated build systems on windows and Linux
- Created an automated build systems for flash/flex projects

Quality Assurance Manager & Release Engineer - **Sportvision** Aug 2003-Sept 2007

- Responsible for creating a QA department, the testing processes and version control
- Testing, building & releasing the RaceF/X broadcast system
- Created Perl and Bash scripts to help run the RaceF/X system
- Testing, building, creating installers & releasing the Fen (yellow line in football) broadcast system
- Testing Pit Command Java applets
- Administer proper source code control and procedures
- Started and Managing the bug database
- Writing release notes and installation procedure documentation
- Building and installing software

Client Engineering: QA Client Engineer & Technical Specialist - **Microsoft's WebTV** May 1997-April 2002

- Responsible for creating guidelines, testing processes and Technical Notes
- Managed and designed the QA Internal websites
- Helped to design MS Media Player for WebTV user interface, ATVEF user interface
- Tested the clients areas & taught others how to test: HTML, CSS, JavaScript, DHTML, ATVEF, printing, audio (web & AC-3), graphics (various image file formats PNG, JPEG GIF), video (MPEG,

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- QT), and multimedia plug-ins applications like **Flash**, **Beatnik** (MIDI & MPEG, WAV, AIFF player), Shockwave audio
- Tested the Transcoder (converted images and audio files to smaller useable media) on the services
  - Tested Client/Services interaction, which include various server configurations and database tests, using Sun servers and Oracle DBs.
  - Highest bugs per day average for the whole division

#### Multimedia Integration Quality: MacOS Team Lead - **Apple Computer** Nov 1995-March 1997

- Team Lead for MacOS 8.0 & 7.6 projects
- Functional Lead for Copland (next gen OS that never released) Application Bring-Up
- Responsible for managing the MIQ new MacOS application bring-up team
- Responsible for assigning team members work load
- Responsible for creating guidelines and testing processes
- Responsible for reporting team status and solving technical problems
- Tested the multimedia aspects of the OS
- Tested the compatibility with over 150 multimedia applications and hardware products with the OS
- Used automated test tools and bug tracking databases

#### Multimedia Director - **Zane Publishing** June 1994-Oct 1995

- A manager in the team that built 150 Multimedia titles in one year
- On the team that designed PowerCD 2.1 & Webster's New World Dictionary interface
- Responsible for out sourcing of images and audio for digitization
- On the team that beta-tested software, title content, and recommended improvements
- Designing automation processes
- Redesigned the image production department
- Responsible for recommending and buying software for the Multimedia Section

#### Owner – **Black Hat Records** 1999-Current

- Started an post modern Jazz label
- Recording engineer
- Handled promotion and release of the catalog
- CDs have gotten international air play and reviews

Free-lance work creating multimedia presentation, digital publishing, soundtracks, videos, and websites

- Technical advisor and webmaster for VantageLabs.com, 2003
- Taught a digital audio class at Academy of Art College, 2002
- Designed, built and maintained websites (mostly music groups)
- Consultant for website design
- Wrote soundtracks for websites (Flash animations)
- Created digital images for Harold Gore Publishing
- Created a catalog and advertisements for Pender's Music Company using desktop publishing skills
- Consultant to Harold Gore Publishing and **Cimarron Music and Productions**
- Notated Music for publishing
- Helped to orchestrate music soundtracks for movies: Matter of Honor, pilot to El Mariachi 2 (became Desperado), and student films.

## **EDUCATION:**

B.A. with honors from the **University of North Texas**, 1993

Completed a continuing education class in Basic C programming, 1994

Completed a continuing education class in First Line Management from **Southern Methodist University**, 1995

## HONORS:

Graduated cum laude (GPA 3.557)  
Won 2 Emmys for NASCAR on Fox, 2004, 2005  
Member of the Golden Key National Honor Society  
Member of the Gamma Beta Phi Society  
Received a competitive scholarship to attend UNT  
Received Certificate of Merit from **Boy Scouts of America**

## PERSONAL:

On the Board of Directors of the **San Francisco Composers Chamber Orchestra**  
Releasing a Jazz CD entitled *an Indefinite Suspension of the Possible* from **Black Hat Records**  
Released a Jazz CD entitled *The Is* from **Black Hat Records**  
Released an enhanced Jazz CD entitled *Statements* from **Black Hat Records**  
Released a Jazz CD entitled *Searching* from **Black Hat Records**  
Published by **Cimarron Music and Productions**  
Professional **musician** that performs and records with orchestras and **jazz bands**  
Professional **classical composer**