

# Michael Strong – CV Quick List

This is a condensed listing of credits, jobs and projects.

## **Mike Strong**

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For an ePortfolio, CV, resume, work-verifications index page on the web click this link

[http://www.mikestrongphoto.com/CV\\_Galleries/Default.htm](http://www.mikestrongphoto.com/CV_Galleries/Default.htm)

For an opening gallery of pictures with a summary index of pages on the site go to:

<http://www.mikestrongphoto.com>

For an example of my community dance coverage site in Kansas City go to:

<http://www.kcdance.com>

# Computers

## Fall 1966

First computer course in Fortran with IBM Systems 360, University of Nebraska, Lincoln

## Air Force

1969 - Air Force - technical course at Ft. Belvoir, Virginia with the Army engineer School Topocom as a topographic computer (Air Force title was geodetic computer).

1969 - Air Force - Assignment to squadron. Duties were to check computations from the field surveyors and to code those measurements into 80-column forms for card punching to be fed into our Burroughs mainframe.

1969 - In the field with Olivetti Programma 101 "portable" computer to work directly with surveyors in the field. This led to my decision to cross train as a surveyor. This also led to minor programming on the Olivetti.

## My Early Personal machines

- 1977? Sinclair using a small tv for the screen
- 1978 or 79 - Radio Shack pocket computer (made by Sharp) This had a full-key chiclet set of keys with a numeric keypad, a single line display, 1.5kb memory, BASIC, printer and tape memory.
- Commodore 64 - 1983
- Commodore 128 - 1985
- IBM compatible (self built from parts), the first of many and I am still building my own boxes
- Various laptops, starting with RadioShack's (Kyocera) TRS-80 Model 100, with 32kb RAM

## Clinic Masters - 1983 - database

**Database, programming** Created a sales, mailing database  
Phone dialer manual

## 1984 side contract with SMI for

**Database programming** with dBMan to

- Keep track of inventory
- track pricing and sales
- produce tagged output designed for Xerox Ventura Publisher to create catalog pages for their line of restaurant equipment. I could roll out a report from dBMan which included the correct markup tags for an import into Xerox Ventura Publisher creating a full catalog, adding the starting pages, table of contents and index pages around the import.
- Horse-race handicapping programs for the owner of SMI, Elton Smith.

## Making Boxes

In the middle 1980's I began making my own IBM-compatible boxes. I still make them because I can never buy the right package for my combination of needs, from office to photo to video.

## 1987 - Mainframe operator, Prime 250 for Taxline Services

Second shift manager and computer operator on Prime 250 (mainframe)

Operator of Xerox 4050 laser printer.

Managed (and trained) staff of data entry operators for tax return work.

Wrote training materials for data entry

Wrote documentation for various utilities and communications operations for file transfers between local and regional office.

Wrote a shell program in Prime CPL for the data entry functions and wrote the documentation to go with it.

All the documentation was written with Xerox Ventura Publisher

## 1987-1992 - Instructor computer courses - **Electronic Office Systems**

dBase III+

Xerox Ventura Publisher

Lotus 123

DOS

Introduction to Computers

## AutoScript - commercial software, AutoCAD to PostScript conversion program

- 1989 - contracted to clean up their sale database
- 1989 - contracted to write the software manual for version 2 of AutoScript by Preco Industries which was then being written by a company in College Station, Texas in Borland C and named AutoScript 5.
- 1992 - full time with Preco, as software maintenance technician for the new program, debugger and phone support for customers.
- Wrote a program to convert their previous production program in COBOL into a FoxBase format. I did the full file conversion program. This included, later, a BOM (bill of materials) program to generate a list of materials in AutoCAD drawings of their machines (die cut presses).
- 1993 - began a beta test download web site for our selected AutoScript testers. This was in ASP and led to later web programming. At this point the web was new and our modems were just reaching 14.4 kbps over the phone line.
- Wrote a network printer distribution program for our AutoCAD files. This was before the days of easy network printer access. This program watched for output files in a network folder then fed those files to the printer. The picture below shows three of the dialogs and has a short explanation in text
- 1995 - Started work on Windows GUI version of AutoScript as the programmer using Visual Basic. We called it AutoScript 6.
- Details below
- When the program was everything asked for by our beta testers but 10 times slower than the previous version I wrote an assembler program for direct file access which gave the program a processing speed 10-20% faster than the old program written in C.
  - My rule from this was to make sure I was NOT using the fastest, coolest machine for development. Instead I've always since made a point of having a machine no faster than I can expect of most of my customers. If this was to be painful for anyone I wanted it to be painful for me first. That way I had a better idea of how our customers experienced it.
- AutoScript was discontinued in September 1998.
  
- Autoscript programming gave me a list of items I had to know about and use including:
  - C (language)
  - Batch files and installation programs/disks
  - DOS BASIC
  - Networks
  - Visual Basic (language)
  - Assembler
  - AutoCAD
  - AutoLISP (language)
  - Installation programs
  - Copy protection (always a bit of a pain)
  - Embedding serial numbers (wrote a program to embed SN's in programs to customers)
  - Fonts (one of our advantages were PostScript fonts, not stick fonts)

- more information that I recall about fonts such as foundries, Italic versus oblique, serifs, decorations, matching PS to on screen preview for size and position, etcetera)
- bounding boxes
- insertion points
- cap heights - flattened and rounded
- line heights compared to AutoCAD heights and line separations
- descenders
- strings in PostScript versus separated charactes in Windows
- point measuring systems, PostScript (72 ppi) versus typesetters, US, England, etc. (72.272 ppi), 12 points per Pica. Points have varied a good deal in size from the 1700's through the late 1800's after which they became more standard.
- Scaling sizes and stroke width changes (thicker for smaller, thinner for larger) and shape hints
- device resolutions
- PostScript (language) our code converted AutoCAD DXF files to Postscript code
- EPS and PS - Encapsulate PostScript and PostScript
- had a 3.5 kb PostScript header file (Windows PS header was > 100Kb)
- screen printing – Preco developed and still sells automated screen printers
- dye sublimation printing – early attempt at printing, changed to screen printing

Preco also developed a laser cutter which I programmed using a movement language with a DXF reader derived from the AutoScript AutoCAD parser I wrote.

- laser cutting using an AutoCAD derived driver file
- motion control with varying velocities depending on straightline or curves

### My KCDance Site – [www.kcdance.com](http://www.kcdance.com)

Originally wrote my own database program to enter events and add a calendar to the site. Later I just used the online database with ASP.

### My photo, resume, gallery site [www.MikeStrongPhoto.com](http://www.MikeStrongPhoto.com)

The code here is written by me so a visit to this site not only shows my pictures but also my code at work.

### 1999 - Research Assistant, Lecturer

UMKC for BIT (Bachelor of Information Technology) program in the former CSTP (Computer Science and Telecommunications Program).

### American Crane & Tractor Parts Inc.

Web and E-Commerce programming and documentation

American Crane is a wholesaler for third-party Caterpillar parts. The software used a data sheet model (rather than a shopping cart) to look for parts and provide alternates as well as kit requirements when parts were not sold individually. It was used by wholesale buyers. Then the shipping end carried part picking, transshipping and consolidation to reduce customs fees by shipping parts together.

### 2003 UMKC PACE

Online Instructor in database and other computer classes  
Designed the teaching software and quiz/tutorial software for these classes.

### Conservatory, Dance Division

Dance Animation class to create 3d animation of choreography

### City in Motion

Class-purchasing Javascript application for City in Motion's dance school.  
Used online and offline, purchase at PayPal.

# Teaching

1999 - research assistant, lecturer, created online courseware and IT-222

UMKC BIT (Bachelor of Information Technology) program in the former  
CSTP (Computer Science and Telecommunications Program).

Created online courseware with Nicole English (as web monkeys)

Created online Multimedia Web Design class IT-222, with Nicole English, working it out face-to-face

### 2003 UMKC PACE

Online Instructor in database and other computer classes

Database – practical professional MS Access

Web Writing - blogs

Video Editing - using Vegas

Multimedia Production – photo, video editing, streaming, audio

Web Design - coding HTML, CSS

Introduction to Computers - practical learning MS Office

Computer Concepts (conceptual, essay)

### UMKC Conservatory

3D Dance Animation class (as a technical requirement in the dance program)

### Electronic Office Systems, 1987-92 – AT&T computer classes

dBase III+

Xerox Ventura Publisher

Lotus 123

DOS

Introduction to Computers

# Journalism, Photo, Video

## 1967 – the summer of pictures

My only photo course led to a lab assistant job for the 67-68 school year

## The Air Force:

Being color blind (partial red/green) prevented me from being a photographer in the Air Force. But I took my cameras with me every where I traveled, traded cameras and kept a darkroom.

## After the Air Force

I left the Air Force on 7 November 1972 after four years active duty.

I spent a semester at Platte County Community College back in Columbus Nebraska, reporting for their paper and acting in their theater department.

## Auburn, NY

Spring 1973: I moved to Auburn, New York with another photographer. Bob worked for the newspaper and I worked news for WMBO/WRLX (call sign is slightly different now), or more exactly news for WMBO AM and Saturday night DJ for WRLX FM

## WGVA and The Geneva Times

As I finished an AA degree at Auburn Community College (now Cayuga County CC), I picked up a news reporter job with WGVA in Geneva, NY, about 20 miles west of Auburn, located at the north end of Seneca Lake on the west shore instead of the photo job I was looking for. Three months later the Geneva Times needed a reporter for the south half of Seneca County. I snapped it up. Again, no photo job, but I learned to write for a newspaper, a shift from broadcast writing. And I was a reporter taking his own pictures and the only reporter who developed his own film, turning it in to the paper.

## Lawrence Journal-World

1976-1977, part time photo while attending school at the University of Kansas.

## Photo Labs

In 1978 Ray Cockrell was opening a photo lab and I became the B&W component, bringing my darkroom equipment. My mainstay was Macy's advertising. I would make B&W inter-negatives from a color catalog shoot then prints for newspaper ads across 7 states.

Later, when working for Adams Photography, I was both one of the shooters and their B&W lab worker.

## Freelance Photo

I worked as a one-person photo lab until mid-1983 taking freelance photo jobs along the way. The freelance photo jobs continue to the present. And, for a while I kept some of the photo lab work but mostly on a special deal.

## Moving Into Dance Photography – Starting with Ballroom in 1994

When I started ballroom in 1994 I brought my cameras with me. My photography began to shift toward dance. My eye became attuned to what I, as a dancer, saw. That was different than other photographers who didn't dance. I could see and feel the difference.

## The Website – <http://www.KCDance.Com>

As a new dancer I wanted to know where to go for dancing, other than dance studios. No one really had any comprehensive list of places and information about locations for dancing. As a programmer, a photographer and as a former reporter I decided to start a website for myself and fellow dancers in the Kansas City area.

## Parting Shots – a Pair of Documentaries

### *A Visit to Shaw*

Our 2004 documentary, arranged by Dr. Phil Olson (sociology) was a follow up on the PBS Frontline documentary "Throwaway People" with correspondent Roger Wilkins from 1990.

[http://www.mikestrongphoto.com/CV\\_Galleries/VideoEmbed\\_Shaw-2004.htm](http://www.mikestrongphoto.com/CV_Galleries/VideoEmbed_Shaw-2004.htm)

### *Antony Tudor*

Tudor Foundation Documentary on choreographer Antony Tudor as an introduction to a Tudor Curriculum in dance schools. This was done for the Tudor Foundation.

[http://www.mikestrongphoto.com/CV\\_Galleries/VideoEmbed\\_Tudor.htm](http://www.mikestrongphoto.com/CV_Galleries/VideoEmbed_Tudor.htm)

## A Few Companies & Events I've Shot or Shoot For

- Adams Photographic
- aha! dance company
- Ailey Summer Intensive
- Ailey Trio
- AileyCamp
- Alvin Ailey American Dance Theater
- American Crane and Tractor Supplies
- American Youth Ballet
- Arts and AGEing
- Arts in Prison
- Bacchus Ball
- Belly Dance Coalition
- Belly Dance United
- Bill Whitener Dance
- Billie Mahoney Dance Troupe
- Boogie Ball
- Byrd Productions
- Camelot Ballroom
- City in Motion
- Cleo Parker Robinson Dance
- Concept Zero
- Cowtown Dance Club
- Culture Through Ballroom Dance
- Dance in the Park

- Dance On (5 years of interviews)
- Dancerz Unlimited
- El Grupo Atotonilco Folklorico
- Ethnic Enrichment Festival of Kansas City
- Fool's Fortunes
- Foundation for Aging
- Geneva Times (now Fingerlakes Times)
- Grand Prix of Swing
- Gurukul Academy (Kuchpudi)
- Heartland Men's Chorus
- Heart of America Dancesport
- Hrvatski Obicaj (Croatian)
- Johnson County CC Performing Arts
- Jonah Bokaer
- Kacico
- Kansas City Ballet
- Kansas City Ballroom Dance Club
- Kansas City Dance Classic
- Kansas City Friends of Alvin Ailey
- Kansas City Fringe Festival
- KC Dance Club
- KC Jazz
- Laid Back Fundraiser
- Lawrence Journal-World
- Louis and Company
- Modern Night at the Folly
- Music of Our Lives
- Nartan Academy (Indian classical)
- New Dance Partners
- Nikoria
- Nritya Indian Classical Dance
- Owen Cox Dance Group
- Preco Industries
- Raghsidad Middle Eastern Dance
- Rich Hill Jazz
- Rose Marie's Fiesta Mexicana
- Sports Photographers Plus - Jim Seers
- Sierra Latina
- Soundz of Africa
- Störling Dance Theater
- Tamburitzens (KC)
- The Flock
- The Squire
- The Swingsters
- Traditional Music Society
- Two Steppin' KC
- UMKC Conservatory Dance Division
- UMKC Conservatory Opera Division
- Walters Dance Center
- Wylliams-Henry Contemporary Dance Co.



# JOBS LIST - the long hash list

These are in *Reverse Chronological Order*, in so far as that is possible. Some jobs and periods of self-employment overlap. Some change their nature between part time, full time and contract. I also don't know whether some entities exist anymore. Some, I know, went out of business or changed hands or names. Others certainly changed personnel.

This section is a basic hash list with little if any elaboration.

## The List

### Mike Strong - KC Dance Information

Combination of self-employment, contractor and semi-journalistic community project

Main site for dance information: <http://www.kcdance.com>

My ePortfolio, galleries, CV, etc: <http://www.MikeStrongPhoto.com>

This includes the numerous activities listed above in companies and events I shoot. Notable are those I've spent so very much time working for, on a regular basis, across the years, Wylliams-Henry Contemporary Dance Company, UMKC Dance Division, UMKC Conservatory, City in Motion, Traditional Music Society, Soundz of Africa, Camelot Ballroom, Kansas City Ballet, Culture Through Ballroom Dance, JCCC Performing Arts, American Youth Ballet, Dance On (interview show), Kansas City Friends of Alvin Ailey and the Ailey visiting companies and Dancerz Unlimited.

I will leave this here as this section is intended as an unelaborated hash list. I just don't want this dismissed as self-employment.

### University of Missouri at Kansas City

PACE (Program for Adult College Education)

#### **Instructor**

From March 1, 2003 through Present - (second time at UMKC)

Lecturer/Online Teacher for UMKC's PACE

### American Crane & Tractor Parts Inc.

**Web programming and documentation** for E-Commerce

From June 2001 through March 14, 2003

University of Missouri at Kansas City  
Computer Science Telecommunications Program  
BIT - Bachelor of Information Technology program

**Research Assistant and Lecturer**

March 1999 through December 31, 2000

Web design, web maintenance, web creation, programming in support of the web site, data administration for web courses, tutorials and documentation.

Preco Industries, Inc.

**Various Jobs over time: Programmer , Tech rep, Programmer-to-real-people liaison, Technical, documentation** (i.e. software manual) , **Database Analyst**

Contract vendor from October 1998

Full time June 1992 - October 1998

Contract vendor from late 1989

Sports Photographers Plus

shooter July 1990 - late 1994

**Photographer**

Adams Photographic

(then a division of **Associated Photographers**)

May/June 1989 - July 1990

1) **contract photographer** (under my own freelance arrangement, see below)

2 ) **Black and White lab technician and printer**

Freelance Plus (me again, self-employment)

September 1988 - 1996 (give or take)

**Photography, writing, programming**

The Kansas City Club

June 1987 to November 1989

**Certified Massage Therapist**

Later, as contractor:

**Programmer** for membership database

Electronic Office Systems

3855 S. Northern St., Independence, MO 64052

1987-92 - part time, contractor

**Instructor:** computer courses

TLS (Tax Line Services)

27 Jan 87 - 15 Apr 87 (seasonal, tax season)

**Second shift manager and computer operator** on Prime 250 (mainframe) and operator of Xerox 4050 laser printer.

MetaMarketing, Inc.

Also as: Clinic Masters, Mind Dynamics, Lord and Co.

11 Jul 83 - 8 Oct 86

**Meeting coordinator**  
**sales demo promotional work**  
**programming and user support**

Self-Employed/Photo-Lab

Jan 79 - Jul 83

**Black & White Commercial Photo Lab**

The American Restaurant

Oct 78 - May 79

**Waiter** (@1.35+tips) and **Bartender** (@3.90)

Radisson-Muehlbach Hotel

**Bartender and** (on a de-facto basis) **assistant manager**

American Bartender's Schools

May 77 - Sep 77

**School director (administrator)**

Seventh Spirit

Feb 77 - May 77

**Bartender**

Lawrence Journal-World

Aug 76 - May 76

**Photographer** – part time

KC Royals Stadium Club

Feb 77 - Oct 77, 78

**Bartender**

## Geneva Times

Sep 74 - Aug 76

### **Reporter/Photographer**

(The Geneva Times is now The Fingerlakes Times)

## WGVA

May 74 - Sep 74

### **Reporter**

Sometimes DJ duties

## WMBO/WPCX

Sept 73 - May 74 (part time)

### **Reporter/DJ ( formerly **wmbo/wrlx** )**

## US Air Force

8 Nov 68 - 7 Nov 72

Staff Sergeant

- 1) **geodetic computer and**
- 2) **geodetic/astromic surveyor**

## Great Western Camera Exchange

Cheyenne, WY Supervisor:

Oct 69 - Aug 71

Part time **camera sales**

## KTTT

May 68 - Oct 68

### **Reporter, DJ/Engineer**

## Gloor Bakery

Sep 65 - Aug 66

- 1) After school and Saturdays, **scrapping pots and pans**
- 2) **baker's apprentice** – summer between HS and college

Columbus Public Library

St. Bonaventure H.S. Library

Early high school years (60-61-64/65)

**Librarian**

Jobs prior to libraries:

- 1) **Glazier** in the family glass shop (window glass, car glass and store fronts)
- 2) standard odd jobs around neighborhood
- 3) **Line boy** at the local airport (gassing and cleaning airplanes).