

Terry O'Brien

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Photography and Videography Experience

Owner, Alpha Video Production, Fort Wayne, IN

- **Currently:** Videographer and DVD producer for the Fort Wayne Mad Ants of the NBA Development League, Fort Wayne, IN
- **Currently:** Videographer and DVD producer for the Midwest Training Institute of Hypnosis, Fort Wayne, IN
- **Currently:** Camera operator for the Allen County War Memorial Coliseum, Fort Wayne, IN
- **2008, 2009:** Photographer and videographer for stage hypnotist Paul Knight, Milwaukee, WI
- **2008:** Photographer and videographer for the Fort Wayne Freedom of the Continental Indoor Football League, Fort Wayne, IN
- **2008:** Photographer and videographer at HypnotiCon, Atlanta, GA
- **2007:** Videographer for "Nuts and Crackers", the 2007 Arts United of Fort Wayne Christmas program, Fort Wayne, IN
- **2007:** Videographer for Fort Wayne Fusion of the Arena Football 2 League, Fort Wayne, IN
- **2006:** Videographer and camera operator at the second annual New Thought Music Concert and the New Thought Music Awards Ceremony, Phoenix, AZ
- **2005:** Videographer at the first annual New Thought Music Concert and the New Thought Music Awards Ceremony, Phoenix, AZ
- **2005:** Videographer and DVD producer at the 2005 Nebula Awards Ceremony of the Science Fiction and Fantasy Writers of America, Chicago, IL

Allen County Public Library Cable Access Center, Fort Wayne, IN

- **Currently:** 600+ hours as volunteer studio and remote camera operator and audio board operator for cable access programs, including "American Legion News", "Calling All Angels", "It's All About Love", "Movers, Shakers and Undertakers", "Rock the Plaza" and "Smokey Montgomery Live".
- **Currently:** Volunteer videographer for Come²Go Ministries Open Mic Night.
- **2008:** Videographer for the LEEDS training seminars.
- **2008:** Remote videographer for "American Legion News" special on the American flag lowering and raising ceremony at Glenbrook Dodge.
- **2007:** Remote videographer for "American Legion News" special on the traveling Viet Nam War Memorial Wall exhibit.
- **2002-2005:** Producer, on-camera host and camera operator for the public access program "The Gamer".

Programming Experience

Alpha Video Production, Fort Wayne, IN

- **February 2003-Present:** Company webmaster, Wiki system manager and PHP / MySQL programmer. Created PHP modules for company website and independent Wiki website.

Navistar, Fort Wayne, IN

- **March 1997-June-2001:** Wrote and maintained second and third generation **C Language** software to extract bill of material records from vehicle design database for Bill of Material purchasing systems at the manufacturing plants. Created software to audit records from plant BOM purchasing systems and generate error reports and correction records; wrote user documentation for program, including program flow of control information, explanations of command line parameters, descriptions of input file formats, and descriptions and explanations of error messages. Revised record extract software to include release numbers and dates for manufacturing plants. Created software to edit plant assignments for feature codes. Created

Java software to perform pre-release certification tests. Was responsible for servicing requests to supply missing and corrected bill of material records to the requesting plants.

Aid Association for Lutherans, Appleton, WI

- **August 1996-January 1997:** Updated **C Language** programs for quarterly release of field agent software. Modified user-interface modules and print modules to accommodate changes in state regulations and company offerings. Revised database conversion program for quarterly release.

Appleton Papers, Appleton, WI

- **June 1994-June 1996:** Translated **Computer Associates CA-Generator** software into **DEC VAX C Language** programs with embedded **DEC VAX Rdb SQL**. Developed software to support a paper roll tracking system. Designed software to manipulate database entries with real-time data sharing and concurrent access conditions. Updated software to display error information for operations personnel, to allow supervisors to monitor error reports, to concurrently monitor communications, to provide regular reporting of system status, to report database error conditions, and to support test operations.

AlliedSignal, South Bend, IN

- **January 1993-September 1993:** Designed, wrote, maintained and documented test procedures for the embedded jet engine fuel controller software for AlliedSignals Engine Controls Division. Test procedures were created using a proprietary test script language and using a dedicated test facility.

ITT Aerospace/Communications, Fort Wayne, IN

- **June 1988-March 1992:** Designed, wrote and maintained software test packages and written test procedures for the Geo-Stationary Orbiting Earth Satellite (GOES) weather satellite program. Was responsible for several individual test procedures, each test involved user interaction, reliable real-time data acquisition, extensive data analysis and verification, and multiple report and plot generation. Created instrument and test equipment interface libraries and test data set generation.
- **May 1985-June 1988:** Designed, coded, integrated, and debugged the system control software for the EUPHORIA radio monitoring system program. Lead software designer and lead programmer of the three-man team, responsible for the initial software design and programming of the user interface, real-time database library, low-level function interfaces, and equipment command and control software. Maintained a DOD SECRET clearance during assignment to this project.
- **March 1980-May 1985:** Computer operator, system manager, and staff programmer for the Engineering Services Department. Operator and manager of a **Prime 550** and a **VAX/VMS 11/780** computer system, and was responsible for the regular operational duties, user training, resource monitoring, and computer and site security. Managed the transition between the **Prime 550** and the **VAX/VMS 11/780** computer systems. Presented regular user training sessions. Attended DOD training seminars on computer security. Staff programmer responsible for creating and implementing supplemental system programs.

Other Experience

Software Languages:

- C, PHP, Javascript, SQL, FORTRAN, Java

Software Packages:

- Adobe Photoshop, Adobe Premiere, Adobe Encore, Microsoft Word, Microsoft Excel, Microsoft Power Point, Open Office Writer

Miscellaneous Skills:

- Data Entry, Word Processing, Clerical and Administrative

Education

Purdue University, West Lafayette, IN

- B.S. Computer Science, 1979

Other Interests

Reading, writing, computers, Japanese culture, science fiction, bicycling.