

ENGINEER: CIVIL/STRUCTURAL

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Engineering Design & Testing Corp.
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EDUCATION:

1992 Bachelor of Science in Civil Engineering and Human Factors
Engineering, United States Military Academy at West Point, NY

PROFESSIONAL EXPERIENCE:

May 2007 **Engineering Design & Testing Corp.**
to Present **Cleveland, Ohio**

District Engineering Manager and Consulting Engineer. Consulting in the areas of civil and structural engineering for residential, commercial, and industrial structures and sites. Services include root cause of collapsed structures, water intrusion and concrete deformation; scope of storm damage; estimate of repair; and fire origin and cause investigation.

May 2006 **Consulting Engineer**
to April 2007 **Los Angeles, California**

Specialized in plan review, AutoCAD drafting and plan submission in the design of residential and commercial developments, including homes, malls, access roads and parking lots. Reviewed and assisted in the approval of civil work projects involving aqueducts and flood control.

January 2003 **Highland Management Group, LLC**
to April 2006 **Columbus, Ohio**

Project Manager. Provided civil engineering expertise in residential and commercial construction projects. Engaged in geotechnical testing, transportation and municipal code compliance, storm and wastewater systems installation and testing, and structural design and erection. Experience in building material selection, system

requirement planning, and the municipal inspection process relating to the construction of residential housing, multi-story condominiums, single-story shopping centers, and warehouses.

June 1992
to November 2002

**U.S. Army Officer, United States Army Corps of Engineers
Various Locations**

Assignments included:

- *Battalion Supply Officer (Nov '01 – Nov '02):*
Responsible for integrating the computerized system of tracking and reporting known as *Force XXI*.
- *Force Engineer Advisor (Feb '01 – Oct '01):*
Advisor to the NATO Command in Albania in support of military operations in the province of Kosovo. Provided the engineering expertise in the identification and evaluation of substandard bridges and roads along re-supply routes. Developed the repair plan for bridges and roads and designed the replacements.
- *Commander, Headquarters Detachment (Nov '99 – Jan '01):*
Commanded the headquarters detachment of the First Cavalry Division's Engineer Brigade.
- *Assistant Brigade Engineer (Oct '98 – Oct '01):*
Provided engineering expertise in bridging, road upgrades and base camp improvement.
- *Commander, 515th Pipeline Company (Aug '97 – Sep '98):*
Commander of the only active duty pipeline company in the United State Army. Charged with construction of low pressure petroleum supply pipelines in support of military operations.
- *Assistant Operations Officer, Korea (Jun '96 – Jul '97):*
Responsible for the tracking, maintenance and repair of supply routes in the Republic of South Korea.
- Engineer Officer Advanced Course (Jan '06 – May '06)
- *Combat Engineer Officer, Fort Knox (Feb '93 – Dec '95):*
Supervised the training of combat engineers.
- Engineer Officer Basic Course (Sep '92 – Jan '93)

CONTINUING EDUCATION:

Stormwater Management

HalfMoon LLC, July 17, 2009, Middleburg Heights, Ohio

National Expert Witness Conference

SEAK, Inc., June 17 – 19, 2008, Hyannis, Massachusetts

Structural Design With Wood

Virginia Tech, April 15 – 17, 2008, Blacksburg, Virginia

Structural Condition Assessment of Existing Structures

American Society of Civil Engineers, September 20 - 21, 2007, Cincinnati, Ohio

National Training Program on Fire, Arson & Explosion Investigation

National Association of Fire Investigators, August 6 - 8, 2007, Sarasota, Florida

Confined Spaces Training

National Safety Counsel, May 23, 2007, Atlanta, Georgia

Petroleum Officers Course

U.S. Army Advanced Petroleum and Water Division, 1997, Fort Lee, Virginia

PROFESSIONAL ORGANIZATIONS:

- American Society of Civil Engineers
- American Concrete Institute
- American Institute of Steel Construction
- National Fire Protection Association
- National Association of Fire Investigator

REGISTRATIONS:

Registered Professional Engineer in Ohio (#PE70469)

Certified Fire and Explosions Investigator