



www.artzat.com

## Artzat Consulting, LLC

401 Arlington Dr.  
Metairie, LA. 70001 USA

(504) 837-3090  
Central Time  
arthur@artzat.com

*Engineering and Operations Consulting*

---

## Arthur Zatarain, PE

Equipment, Controls, Instrumentation,  
and Electrical / Electronic Systems

**December 2009**

- Design & Operations, Accidents & Damages, Intellectual Property, and Commercial Matters.
- Design-Build Engineer, Manufacturer, Contractor, Inventor, Corporate Executive, and Expert Witness.
- Staff, Executive, and Consulting Career in Industrial, Petrochemical, and Construction Environments, both Domestic and International.
- Professional and Academic Credentials in Electrical Engineering, Control Systems, Construction, Systems Integration, and Computer Forensics.
- University teaching experience in Engineering and Marketing.
- Published author in both technical and commercial areas.
- Deposition and Trial Testimony Experience
- Qualified as an Expert Witness in U.S. Federal Court.

### **CURRENT AFFILIATIONS**

#### **Artzat Consulting, LLC - 1997 to Present (concurrent with other employment)**

##### **Engineering Consultant**

Full time consulting for technical and commercial matters related to intellectual property, accidents and damages, and design & operations. Practice areas include industrial equipment, electrical and electronic engineering, computers & computerized devices, industrial automation & control, and construction.

## **VersaTech Automation Services – April 2009 to Present**

### **Senior Consultant**

Serve in an advisory capacity with the firm that designs, manufactures, and services industrial control and automation systems for a variety of mechanical and process applications, with operations in Houston, New Orleans, and Dubai.

## **PRIOR CAREER EXPERIENCE**

### **Stewart Enterprises Inc. – July 2008 to Sept 2009**

#### **Director of Stewart Resource Center**

Stewart Resource Center (SRC) is the in-house Architecture and Engineering entity that designs and manages the construction of 300+ commercial properties owned and operated by Stewart Enterprises, Inc. throughout North America.

### **TEST Automation & Controls, Inc. (TEST Inc.) – 1988-2008**

#### **1997-2008: VP- Operations**

#### **1995-1997: VP - Engineering**

#### **1988-1995: Engineering Manager**

TEST is a publicly held industrial manufacturing firm dealing with automation and controls, providing design, manufacturing, and construction for projects worldwide. Joined TEST via acquisition of Dataran in 1988. Retired from TEST in July 2008. The company, as a division of Natco (NYSE:NTG), was absorbed into Cameron International (NYSE:CAM) in Nov 2009.

### **Dataran Corporation - 1980-1987 (acquired by TEST in '88)**

#### **Principal Engineer**

A professional engineering consulting firm that designed and managed the installation of industrial power, control, and automation systems. Also developed and manufactured high performance PC "clone" computers specially configured for industrial and CAD applications. The proprietary technology evolved into TEST's SCADAWARE® telemetry product line when acquired by TEST in January of 1988.

### **Shell Offshore - 1977-1980**

#### **Electrical & Electronic Engineer**

Technical Specialist for major oil producer. Duties included design for power, automation, safety and control systems, and communications. Also conducted training sessions related to controls, instrumentation, and computer programming.

### **University of New Orleans School of Engineering - (full and part time 1977-81)**

Served as an instructor of Engineering at UNO in both the Electrical and Mechanical departments while working at Shell and Dataran. Courses included basic electricity, mechanics, fluids, and electronics.

### **SECO Industries - 1976-1977**

#### **Design & Construction Engineer**

Design and project engineer for power distribution, controls, and safety systems, focusing on industrial and offshore oilfield environments.

### **Boeing Services - 1975-1976**

#### **Industrial Equipment Engineer**

Design and specification of maintenance related equipment, both mechanical and electrical for NASA's Michoud Assembly Plant in New Orleans.

### **Coulter Electronics - 1973-74**

#### **Medical Equipment Service Technician**

Installed and maintained particle counting and blood analysis equipment for industrial and medical laboratories.

## **ACADEMICS**

- University of New Orleans, B.S. Engineering 1975, M.S. Engineering 1979
- Oregon State University, NTI Computer Forensics, 2004
- Instructor of Marketing at Tulane University (2003)
- Instructor of Engineering at University of New Orleans

## **PROFESSIONAL ACHIEVEMENTS**

- Registered Professional Electrical Engineer: LA (1980), CA (1992), AK (1992), AL (1997)
- Registered Professional Control Systems Engineer: Louisiana (1993)
- Qualifying Party for Contractor in Louisiana, Texas, Tennessee, Mississippi
- Licensed Master Electrician, Texas.
- Licensed Member: National Society of Professional Engineers (NSPE)
- Senior Member: The International Society of Automation (ISA)
- Senior Member: Institute of Industrial Engineers (IIE)
- Professional Member: American Society of Safety Engineers (ASSE)
- Member: Institute of Electrical and Electronic Engineers (IEEE)
- Correspondent: National Academy of Forensic Engineers (NAFE)
- Member: Louisiana Engineering Society
- U.S. Patent No. 5,103,395 for Automated Nuclear Medical Device, (1992 )
- Certified Systems Integrator - Institute of Industrial Engineers (1991)

## **PUBLICATIONS AND PRESENTATIONS**

- Be Smart about Intellectual Property, Plant Services Magazine, October 2009
- Testing Redundant Systems, Plant Services Magazine, March 2006
- Control Systems Reliability, Plant Services Magazine, March 2005
- Safety and Procurement Management, US Bus Review, Mar 2004 (w/Bill Smitka)
- PC Based SCADA Systems - Trinidad and Tobago - 1995
- Smart RTU Applications for Offshore - Abu Dhabi, UAE - 1993
- Shell Oil SCADA Instrumentation, Annually 1977 thru 1993
- Packet Radio for SCADA Applications, ENTELEC Conference, Dallas, 1992
- PC Based Data Acquisition, Am. Soc. of Quality Engrs., Atlantic City, 1986
- Personal Computers for Technical Users, ISA Philadelphia, Oct 1985
- Offshore Safety Systems, ISA '83, Houston, Texas (w/ Bob Bailliet).
- Economics of Wind Generated Power, ASME 1978, Houston, TX. (w/ Bill Janna)

-end-