

RESUME

G. Paul Baker, Jr.
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DOB: July 23, 1946
Married, five adult children, eight grandchildren.

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OBJECTIVES:

Obtain consulting projects in the Livingston, East Baton Rouge or Ascension Parishes commensurate with my education, experience, skills and capabilities.

EDUCATION:

Graduate School:
30 Hrs., Juris Doctor curriculum, Louisiana State University Law Center.

Undergraduate School:
Graduate, 1979, Bachelor of Architecture, (BARCH), Louisiana State University, Baton Rouge, Louisiana.

Honors:
Dean's List, Five Semesters
Qualified for Freshman Scholastic Honors
Member - Phi Kappa Phi -- National Scholastic Honors Society.
Member - Pi Mu Epsilon -- National Scholastic Honors Society for undergraduate students with minor in mathematics.
Member - Tau Sigma Delta -- National Scholastic Architectural Honors Society.

INTELLECTUAL PROPERTY:

Inventor/Owner: Cycling, Self-checking Block Valve for Use in Critical Systems, US Patent Number 6,058,956. This Fail-closed block valve system provides full stroke, near 100% diagnostic, on-line testing of block valve in Instrumented Protective Systems in reactive chemical processes, detecting dangerous failures while providing elevated Mean-Time-Between-Failure-Safe (MTBFS) statistics. (Patent was awarded "Honorable Mention" in the 2007 NASA/SolidWorks Create The Future Design Competition).

Inventor/Owner: Cycling, Self-checking High Pressure Sensing System, US Patent Number 6,053,193. This is a high-pressure sensing system for use as a primary element in a critical shutdown system, with near 100% diagnostic coverage providing high Mean-Time-Between-Failure-Dangerous and MTBFS statistics.

Inventor/Owner: Cycling, Self-checking Low Pressure Sensing System, US Patent Number 6,422,257. This is a low-pressure sensing system for use as a primary element in a critical shutdown system, with near 100% diagnostic coverage providing high MTBFD and MTBFS statistics.

Inventor/Owner: Angular Motion Translator, US Patent Number 6,547,689. This is a device that provides, with completely mechanical coupling, the ability to control the angular relationship between two components in a rotating sub-system, by manipulating the angular relationship of two components in a non-rotating sub-system. Applications include the precise feeding of filament in a weed trimmer while in operation, precision measurement of torque along a rotating shaft while under operation, precise control of pitch of aircraft and watercraft propellers without the use of hydraulics and precise control of eccentricity of weights in a chute vibrator/shaker system.

Inventor/Co-owner (with Anders S. Gerhart): Variable Displacement System, US Patent Number 9,890,638. Variable displacement systems, utilizing a phase relationship controller to determine and control the volumetric displacement of liquid and gas compression systems, including applications of said systems to continuously variable, constant speed power transmissions and to variable compression-ratio internal combustion engines

Inventor/Owner: High-efficiency, Stall-proof Airfoil, US Patent Number 10,577,086. A high-efficiency, stall-proof Airfoil configuration whereby a motive force directly induces gaseous fluid flow across a lifting surface of the airfoil without requiring a movement of the wing through an air space. When not undergoing horizontal displacement, it provides highly efficient use of fuel resources, precluding the formation of drag and its incumbent power consumption. Air pressure at the bottom of the wing remains essentially ambient thereby allowing maximum differential pressure between the lower and upper surfaces of the wing. Because lift is generated without regard to angle-of-attack, forward speed nor a configuration of the leading edge, the configuration is essentially stall proof.

SIGNIFICANT COMPUTER HARDWARE/SOFTWARE PROJECTS:

Mid 1990s: Sole developer/programmer of the Graphical Configuration System for the Moore Products Company Model 352 Single Loop Digital Controller. This software allowed for graphic layout and interconnectivity of function blocks of the controller to be directly downloaded into controllers as a configuration. Also, it allowed for existing controller configurations to be uploaded into the software, where equivalent configuration drawing would be automatically generated. Software sold by Moore Products to customers and Model 352 end-users world wide.

Mid 1990s: Sole developer/programmer of loop sheet generation system for BASF in Geismar, LA. Utilizing Loop Information Database and drawing templates, system would generate and print loop sheets on demand for all loops in the Geismar Complex.

Early to Mid-2000s: Sole developer/programmer of Kinematic Atmospheric Dispersion and Receptor Model Software (KADaR) for ExxonMobil's Baton Rouge Refinery through Applied Kinematics, LLC of Baton Rouge. System generates plume predictions based upon release data and live meteorological information, providing time to impact predictions for buildings, shelter-in-place locations and fence lines throughout the Baton Rouge Facility. System has been in use at ExxonMobil since 2002.

Late 1980s: Sole developer/programmer of software system to convert all BASF Geismar P&IDs (400+ drawings) from legacy CADD system into Intergraph/MicroStation format.

Early to Mid 1980s: Sole designer/developer/fabricator/programmer of the McIntel Multi-processor Local Area Network System (McMullans) for McIntel Corporation. Multi-user, Multi-processor, Multi-tasking, Shared resource (printers, hard drive disk space) computer system developed from the board level up. Wrote overall operating system (in Motorola 68000 assembly language), incorporated then current MicroSoft operating system for individual station use (MSDOS 2.11), wrote station operating system (in Intel 8086 assembly language) and accounting and inventory control software in Microsoft BASIC. Largest system installed in headquarters of Eyemasters in Baton Rouge, with remote stations in 11 stores covering a three state region, providing all accounting functions as well as on-line inventory/re-ordering for lens and frame inventories at 12 stores. (Stores all featured one hour delivery of glasses and required daily updates of lens and frame inventory).

PUBLICATIONS:

Valve System Controls for Safety, ISAs InTech Magazine, December 2007, p. 20.

Variable Amplitude Vibrator Provides Tighter Control – Challenges of Regulating Dry Product Flow Succumb to Motor-drive-gear Algorithm, ISAs InTech Magazine, March, 2008, p. 34.

SPECIAL TRAINING:

From mid 1990s to present, participates in 18 contact hours per year of continuing education to maintain Architect licensing (Louisiana) and certifications from American Institute of Architects (AIA) and National Council of Architectural Registration Boards (NCARB). Also attends 20 contact hours per year of continuing education to maintain certification as Project Management Professional (PMP) from the Project Management Institute (PMI). (Note: many of the architectural and PMP continuing education hours overlap).

Project Definition Rating Index (PDRI) Facilitation Training, The Alliance for Construction Excellence of the Arizona State University Ira A. Fulton Schools of Engineering. November 4 – 5, 2015, Phoenix, AZ.

PMP Certification Exam Prep Course - presented by Executive Education, E.J. Ourso College of Business Administration, Louisiana State University, one week, September 21-25, 1998, Baton Rouge, Louisiana.

Project Managers Bootcamp - One day intensive program to increase ability to manage people and process, sponsored by AIA Louisiana, August 4, 1998, Metairie, Louisiana.

National Fire Protection Association Seminar, "Comprehensive Guide to the Life Safety Code", 2 day seminar, May 7 & 8, 1998, New Orleans, Louisiana.

National Fire Sprinkler Association Seminar: "Fire Protection for Commercial Occupancies", A Balanced Code Analysis to Providing Life Safety, Property Protection & Affordable Construction, 1 day seminar, April 29, 1998, New Orleans, Louisiana.

Fred Pryor Seminar - "How To Make Presentations With Confidence And Power", 1 day seminar, Baton Rouge, Louisiana, September 1995.

Fred Pryor Seminar - "Evelyn Wood Reading Dynamics For Business Professionals", 1 day seminar, Baton Rouge, LA, September 1995.

AIA Louisiana Seminars - Building Construction Contracts, Design, Environmental Quality, 3 days, New Orleans, LA, October 1995.

Fred Pryor Seminar - "How To Manage Multiple Projects, Meet Deadlines And Achieve Objectives", 1 day seminar, Baton Rouge, LA, January 1996.

Microsoft/DEC TECH-ED 96 Seminars, Networks, Network programming, Object Linking & Embedding (OLE) and Distributed Component Object Models, 2 day seminar, Baton Rouge, Louisiana, April, 1996.

Design of Trip and Alarm Systems -- ICI Engineering Technology training in the ICI Hazard Study System and hazard analysis and basis for the design

- of trip and alarm systems with specification of testing and maintenance needs, 3 day workshop, Rubicon Inc., Geismar, LA, March 7-9, 1995.
- Management II -- Management Development Program for the Mid-Level Managers, held by Louisiana State University Executive Education Department of the College of Business Administration in Baton Rouge, La., 5 day workshop, March 7-11, 1994.
- Safety Systems Design Seminar -- Design philosophy and technical aspects of critical safety shutdown systems with performance analysis at John H. Carter Co., Baton Rouge, La, 1 day seminar/workshop, Sep. 13, 1993.
- Management I -- Basic Management for the Newly Appointed Manager, held by Louisiana State University Executive Education Department of the College of Business Administration in Baton Rouge, La., 3 day workshop, May 3-5, 1993.
- AIA/SBCCI Conference, "Introduction To The Standard Building Code", held in Metairie, La., 1 day workshop/course, March 26, 1993.
- AIA Building Connections Videoconference, "Healthy Buildings And Materials", held at Johnson Controls, Inc., Baton Rouge, La., March 4, 1993.
- Fisher Course #302, "Practical Aspects of Statistical Process Control", held at John H. Carter Co., Baton Rouge, La., Three days, November, 1992.
- Gensym "G2 Primer Training Class", held at Gensym Corporation headquarters, Woodlands, TX, Two days, August, 1992.
- Fisher Provox UOC, IFC+ and console maintenance, held at John H. Carter Co., Baton Rouge, La., One week, November, 1991.
- Fred Pryor Business Writing Workshop, Baton Rouge, La, 1 day workshop, May, 1991.
- Pinch Technology Seminar, sponsored by the Louisiana Department of Natural Resources, Energy Division and Louisiana State University, Center for Energy Studies. Applying "PINCH" technology to energy conservation, One day, October 11, 1988.
- Bailey Network-90 Distributive control systems training. Microprocessor based distributed control system configuration, specification and implementation. Two weeks, special Rubicon training course, Gonzales, La., July, 1987.
- Digital Process Control -- Honeywell TDC-2000 -- Microprocessor based distributed control system configuration, architecture, operation and specification -- Honeywell, Industrial Products Division, Fort Washington, PA., August 1981.
- Programmable digital terminal training -- DATA 100, Inc., National Offices, Minneapolis Minn, -- Two weeks, November, 1973.
- Basic Computer and Minicomputer Training -- Makeup, programming, interfacing, troubleshooting and repair -- Honeywell, Inc., Division Office, Houston, Texas, Two Weeks, August, 1973.
- Electronic and Pneumatic Process Control Instrumentation Training -- makeup, troubleshooting, and repair - basic loop theory - process control theory, batch and continuous automation. Honeywell Instrument

Division, International Offices, Fort Washington, PA. -- 12 weeks,
January through March, 1971 -- Graduated Second in Class.

Basic and Advanced Electronics Correspondence Course -- Cleveland Institute
of Electronics -- January, 1969 through December, 1970.

Nike-Hercules Fire Control Maintenance Training -- Nike-Hercules Target
Tracking, Missile Tracking, Target Ranging, High and Low Power
Acquisition Radars, and Fire Control Computer Training -- U.S. Army Air
Defense School, Fort Bliss, Texas -- 46 weeks, August 1967 through
August, 1968. Graduated in top 10% of class.

Pioneer Engineering Training -- Front line expedient construction and
demolition of temporary structures. First Engineers Training Battalion,
Fort Leonard Wood, Mo. -- 10 weeks, 1967.

GENERAL WORK EXPERIENCE:

June, 2020 – Present – Retired from active practice. Intermittent consulting
services as sole-practitioner G. Paul Baker, Jr. – Architect, and efforts to
develop and market patented inventions.

October, 2014 – June, 2020 – Professional positions of Senior Systems
Architect & Project Manager at Hunt, Guillot & Associates, Baton Rouge,
LA. Responsibilities include project management, Architecture,
Instrument & Control System Engineering. Projects ongoing from R&D
Consulting, Inc.

November, 2013 – October, 2014 Professional positions of Senior Systems
Architect / Project Manager at R&D Consulting, Inc., Baton Rouge, LA.
Responsibilities include project management, Architecture, Instrument &
Control System Engineering. Projects include:

- HCI Handling Project at Rubicon, LLC, Geismar, LA.
- HCI Absorber Safety Project at Rubicon, LLC, Geismar, LA.
- Geismar Variants Capacity Expansion Project (GVCE) at Rubicon,
LLC, Geismar, LA.

February 2009 – November, 2013 Principal Staff Engineer at Conestoga
Rovers & Associates (CRA) Engineering Group, Baton Rouge, LA.
Responsibilities include project management of a variety of projects
including instrumentation, control, electrical, civil, mechanical and
architectural elements and Instrument & Control System Engineering.
Projects which included project management and/or I&E engineering
responsibilities include:

- Various Instrumentation Projects at Marathon Petroleum Company's
Garyville, LA Refinery.
- Various Instrumentation, Electrical & Hazardous Gas Detection
Projects at the OxyChem facility in Geismar, LA.
- Various Instrumentation & Control System Upgrade Projects for
Wolverine Pipeline Company at their facilities in Hammond, IN,
Kalamazoo, MI and Jackson, MI.

December, 1990 – January, 2009 – Senior Project Engineer in Instrumentation
& Electrical and Reductions/Effluent/Utilities Area Project Coordinator,

Project Engineering Department at Rubicon Inc., Geismar, La. Responsibilities include project management of a variety of projects including instrumentation, control, electrical, civil, mechanical and architectural elements and production coordination of all projects in the Reductions, Effluent & Utilities Production Units. Projects which included project management and/or I&E engineering responsibilities include:

- Relocate North Variants Control Functions
- Sanitize and Renovate "80" Crew Lunchroom Building
- Replace Gas Chromatographs In The Environmental Lab
- MDI-III Customer Conformance Compliance Assurance
- Route DPA-II Vents To The DPA-I Superheater
- Improve Aniline-I Reactor Startup Interlocks
- Aniline-II & Reductions Unit Hazardous Waste Combustion MACT Compliance
- Revise MDI-II & MDI-III HCl Absorber Relief Protection To Prevent Loss of Liquid Seal
- Improve MDI-I & MDI-II Amine Brine Stripper Controls
- MDI-II MCB Flush Header Pressure Control
- Automate Variants "C" Reactor PBA & MDI Charge Valves
- Renovate Lobby Restroom Facilities
- Expand & Renovate DCS Workroom
- Eliminate MDI-I Caustic Scrubber Header Restriction
- Rubicon Layer of Protection Analysis (LoPA) Procedure Development
- Install Combustible Gas Detection In The MDI Units
- Install Remote Operated Valves In The MDI Units
- Relocate Reductions Hydrogen & Natural Gas Pipelines
- Pressure Interlocks for DPA Relief & Blowdown Improvement
- Improve DPA-I Aniline Stripper Performance
- Improve Fuel/Air Ratio Control To The Aniline-II Incinerator
- Mass Flowmetering System Installation – Hydrogen From Praxair
- Improve Aniline-II DeltaV Operator Workstation
- Install Fule Scale Polishing Reactor
- Aniline Polishing Reactor Pilot Plant
- Aniline-II "B" Reactor Control Improvements
- NB Recovery Well Improvements
- Tie MDI-I Into The HCl Export System
- Install Sitewide Natural Gas Metering System
- Incinerate MDI Vents In The TDI Waste Heat Boiler
- Aniline-II "A" Reactor Control Improvements
- DPA-II Superheater Control Improvement
- Install Third Baghouse of Aniline-II Incinerator
- Improve Security Control & Monitoring of Site Access

- TDI Unit HCl Compressors Shutdown System Upgrades
- Layer of Protect Analysis Team Member – MDI-I, MDI-II, MDI-II & Polyols Units.
- Connect All Phosgene Monitors in Occupied Buildings Into The Plantwide Network
- Rubicon Main Lobby Security Renovations
- Unit Perimeter Phosgene Monitoring
- Upgrade All MDI Loading Meters
- Replace TDI Phosgene Buffer Vessel
- DPA Debottleneck Project
- Sorbitol Polyols Manufacturing System
- Vulcan Caustic Pipeline
- Phosgene Monitors/Alarms In Occupied Buildings
- New Aniline Closed Dome Loading
- Pioneer/Vulcan Chlorine Pipelines and Control
- Aniline Reactor Controlled Depressurization System
- TDI Phosgene Plant CO Emissions Abatement Project
- Automate Export Condensate Block Valves
- New Aniline Purge Still Automation Project
- MDI-2 DADPM Reactor Recirculation Flowmeters
- Pures 2- Splitting Column Nuclear Level Project
- Upgrade New Aniline Incinerator Shutdown System
- Nitrobenzene Plant Sulfuric Acid Concentration Meters
- DNT Feed Meter Upgrade
- Install Plantwide Fiber Optic Computer Network
- Upgrade Plantwide SLDCs To Current Version
- OAN - Upgrade H₂ Recycle And Vent Control
- Phosgene/Diamine Ratio Control Project
- Mass Flow Measurement For Aniline To MDI 1 & 2
- TDI - Convert LUWA Controls To Digital Controllers
- Aniline I Reactor Controls Upgrade Project
- Phosgene Monitors In Personnel Buildings - Phase I
- MDI 1&2 - Upgrade Vacuum Pump Separator MCB Flush Systems
- OSHA 1910.119 Compliance Program -- Critical Shutdown Systems
- Control System Life Planning Program
- Minor Capital Program -- Many Small (< \$50,000) Projects.

November 1987 through November, 1990 -- Chief Control Systems Engineer and Instrumentation Department Head for Richards-Mead and Associates, Inc., Consulting Engineers, Baton Rouge, LA. Departmental management responsibilities including management of a 24 to 30 person instrument design/drafting/engineering department composed of 12 in-house personnel and 12 to 18 persons on plant assignment. (In July, 1990, assumed responsibilities as Branch Office

Manager for a seven man task force, with offices in Geismar, Louisiana). Project management responsibilities included a variety of Instrumentation, Control System and Architectural projects for clients including Rubicon Chemicals, Geismar, La., Exxon Chemicals, Baton Rouge, Louisiana, Shell Chemical Company, Geismar, La., BASF, Geismar, LA., Shell Western Exploration and Production Company, Geismar, La., Texaco Refining Company, Sunshine, La., Shell Oil Co., Norco, La., Castrol, Inc., Port Allen La., ICI Americas, Bucks, Al., Boise-Cascade Paper Co., DeRidder, La., Marathon Oil, Co., Garyville, La. As Chief Architect, also managed architectural projects which represented 10-15 percent of RMA's in-house work load. Representative projects include:

- design/drafting, configuration, engineering, procurement and management of two Bailey Network-90 Distributive Control Systems,
- engineering management of a 1.6 million dollar reaction based processing unit for the production of high grade motor oils,
- revision and implementation of new control concepts on six existing reactive chemical processes,
- process design specification for the simulation of a paper mill recovery boiler process using a Bailey Net-90 Multifunction Controller,
- creation and implementation of five or more software program systems to convert a variety of CAD drawing files from one format/platform to another,
- creation and implementation of a computer program to maintain a loop sheet database and to create loop sheet drawing files by extracting information from the database, and
- a large variety of smaller engineering projects from simple control loops to sophisticated on-line analyzer systems.

January 1987 - October 1987 -- Provided engineering services as a Senior Project Engineer as an employee of Engineers Constructors International, Inc., Consulting Engineers, Baton Rouge, La. On assignment to Rubicon Chemicals, Inc., Geismar, La., Responsibilities included all of the instrumentation design engineering and project management on a variety of in-plant projects.

September 1986 - December 1986 -- Provided Computer system design, analysis and fabrication and consulting services for a variety of clients and customers as President and Chief Systems Engineer for McINTEL Corporation, Baton Rouge, La., and provided general Architectural services for a variety of clients as G. Paul Baker, Jr., AIA, Architect.

March 1986 - August 1986 -- Provided computer system design, analysis and fabrication services for International Retail Computers, Inc., of Fort Walton Beach, Florida as Vice President in charge of Development.

February 1986 -- Provided engineering services as an Instrument Engineer as an employee of Process Services, Inc., Consulting Engineers, Baton Rouge, Louisiana. Responsibilities included all of the instrumentation design engineering on the "AO/ID" 1986 Turnaround Projects for Shell Chemical Co., Geismar, Louisiana.

September 1983 - January 1986 -- Provided Computer system design, analysis and fabrication, and consulting services for a variety of clients and customers as President and Chief Systems Engineer for McINTEL Corporation, Baton Rouge, La., and provided general Architectural services for a variety of clients as G. Paul Baker, Jr., AIA, Architect.

February, 1981 - April, 1983 -- Provided Instrument Engineering services as an employee of Process Services, Inc., Consulting Engineers, Baton Rouge, Louisiana. Clients include Shell Oil Co., Norco, La., Exxon Corporation, Baton Rouge, La., Uniroyal, Inc., Geismar, La., First Chemical Corporation, Pascagoula, Miss., Port Allen Marine Service, Port Allen, La., Gulf States Utilities Company, River Bend Nuclear Power Plant, St. Francisville, La. Responsibilities have included all of the instrumentation design engineering on the following specific projects:

- Wet Gas Scrubber Effluent Treatment Plant. Exxon Corporation, Baton Rouge, La.
- Poly I & II Recycle Wash Water system, Uniroyal, Inc., Geismar, Louisiana.
- Royalene Liquid Draw Conversion, Uniroyal, Inc., Geismar, La.
- Custody Metering Systems (11 computer controlled metering stations) Shell Manufacturing Complex, Norco, La.
- Master Batch Polypropylene Unit, Shell Chemical Co., Norco, Louisiana.
- MEK/H₂ Scrubber Unit, Shell Chemical Co., Norco, La.
- OFH/CFH Unit Conversion. Shell Oil Co., Norco, La.
- Norco Residue Reduction Project. Shell Oil Co., Norco, La.
- Plant Efficiency Monitoring Project (Data logging -- computer analysis), First Chemical Corporation, Pascagoula, Miss.
- Good Hope Refinery Flare Gas Recovery System, Shell Oil Co., Norco, La.

June-July, 1980 -- Provided instrumentation consulting services to Kennana Sugar Company at their sugar refinery in Sufeiya, Republic of the Sudan, Africa. Work performed under contract to Control Systems Consultants, Baton Rouge, La, Gene Cook, President, and F.C. Schaffer and Associates, Baton Rouge, F.C. Schaffer, Project Manager.

January-December, 1977 -- Instructor, Pneumatic and Electronic Instrumentation, International Technical Institute, Baton Rouge, Louisiana.

September, 1974 - January, 1981 -- Provided design, specification, repair, maintenance and programming services as a freelance consultant to a variety of clients and associates involving analog and digital industrial controls and hardware/software computer systems.

1970-1974 -- Field Service Engineer, Honeywell Industrial Services, Baton Rouge, Louisiana. Provided general pneumatic and electronic services including but not limited to the following:

- Design and construction supervision of unit control loop wiring modification for Phthelic-anhydride unit at Exxon Chemical Co., Baton Rouge, La.
- Power System modification, design, fabrication, testing and installation for OLA-2X and EPLA-W Process Units, Exxon Chemical Co., Baton Rouge, La.
- Control System Installation, Startup and maintenance - Aerobic Bacteria Stabilization Pilot Plant Project, Sough Sewage Treatment Facility, Lafayette, Louisiana.
- Control System Checkout, and modification, activated charcoal purification system, Water Works, Abbeville, Louisiana.
- Startup, debugging and testing - Varian minicomputer interfacing system, used for pier-to-pier data communication between 23 terminals in BRPD and EBR Sheriff's precinct offices and National Cash Register Computer -- City of Baton Rouge Municipal Offices, Baton Rouge, La.
- Maintenance and troubleshooting of two DATA 100 programmable terminal systems located at H.E. Weise, Inc., and at Southern University, Baton Rouge, Louisiana.
- Checkout and acceptance of 450 loop Ethylene, Propolene Plant Control Panel in association with Dean Corbel, Project Engineer, Exxon Chemical Company, at Swanson Engineering Company, Los Angeles, California. Unit was placed in operation at EPLA-W Processing Plant, Exxon Chemical Co., Baton Rouge, La.
- Two complete rebuilding, checkout, calibration and startup projects on pneumatic control instrumentation at Texaco ethylene, propolene, butylene distillation plant, Livonia, Louisiana.
- Participated in startup, maintenance and design services for 12 area sugar mills and factories in the southern Louisiana area.
- Maintenance and repair work on CALMA corp. Analog To Digital Controller for Coastal Studies Division of the Institute of Wetland Resources, Louisiana State University, Baton Rouge, La.
- Checkout, calibration and startup of control loop systems during initial startup of chlorine manufacturing plant of Stauffer Chemical Co., St. Gabriel, Louisiana.

April, 1970 - October, 1970 -- Lafayette Radio Electronics, Baton Rouge, La.
General electronic work including repair and installation of stereo equipment, citizen's band radios, and televisions.

April, 1967 - April, 1970 -- U.S. Army, service including general technical services for "A" Battery, First Missile Battalion, First Air Defense Brigade, Everglades National Park, Florida (August, 1968- April, 1970).

January, 1966 - March, 1967 -- Performed as musician with various bands and musical groups.

January - December, 1965 -- Clerk-typist, Kolb & Rooks, Attorneys, Baton Rouge, Louisiana.

SPECIAL COMPETENCIES:

Fully proficient in AutoCAD, including 3-dimensional solid modeling.

Competent in use of Geomagic Design (formerly Alibre Design) Solid Modeling software, bi-directional model translations between Alibre and AutoCAD, and Geomagic Simulate Finite Element Modeling System.

Competent in AutoCAD Architecture 2015.

Proficient in software design and programming in MicroSoft Visual C++, MicroSoft Visual Basic, Intel Z80, 8086, 80X86, Pentium & Motorola 68000 family assembly languages and Borland C++.

Familiar with website design using MicroSoft Expressions Web & WordPress.

SPECIAL LICENSES, CERTIFICATIONS, AND SOCIETIES:

Architect, Louisiana License #3237, held since September, 1983.

Architect, Georgia License #RA013996, held since June, 2014.

Certified Facilitator Project Definition Rating Index – PDRI: Alliance for Construction Excellence (ACE), Arizona State University, held since August 17, 2016.

Certified: National Council of Architectural Registration Boards. Certificate Number 30,704, held since September 25, 1984.

Federal Communications Commission General Radiotelephone Certificate, License Number PG-8-5995, with Ship Radar Endorsement, issued January 2, 1985. Term of license: Life. (Rectification from First Class Radio-telephone License with Ship Radar Endorsement, License # PI-8-11975, held since September, 1970).

American Institute of Architects – Retired

Louisiana Association of Architects - Baton Rouge Chapter – Retired

Certified as a Project Management Professional (PMP) by the Project Management Institute, Certification held since January, 2000.

Instrument Society of America, Senior Member (30+ years) – Retired

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REFERENCES:

References available on request.