

**Daniel W. Andrzejewski**  
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**CAREER OBJECTIVE:** To be an integral part of the team for Mechanical/Structural/Piping/Electrical Systems.

**KEY ACCOMPLISHMENTS:**

- Excellent work ethic to maintain project schedules to get drawing packages out on time. Example: There were a few times after shutting down & walking to the door, I had to reboot & make changes. This got the jobs that were bid on with minimal turnaround after preliminary submittal for revisions to be completed using team coordination.
- Flexible availability to multitask at all times for any types of drawing modifications, always keeping the flow of work moving to completion switching from one discipline to another where and when needed.
- Designed and checked details for mechanical, sheet metal, heavy steel, geometrically tolerance parts, electrical wiring diagrams, etc. using ANSI & Mil-standards for manufacturing processes in a fabrication and machinery environment with mechanical/structural requirements.
- Eyes for detail orientation/configuration in checking drawings to find errors before the products would get into the final stages of completion, thereby saving time, money, and integrity during phases of assembly.
- Saved the company a great deal of time and money coming up with different 3D solutions for chutes, slides, & photo-electric eye placements, etc. for the automation processes with complete backup by email for all revisions claimed in time line. Example: After checking the layout, I found elevation changes needing correct updating to connecting structure for process flow. Another case was where diverters were not properly lined up over a roadway.
- Self managed complete document control of released & revised drawing infrastructure. Familiarity with ISO 9001, having been instrumental in getting certification, & team design reviews.

**PROFESSIONAL EXPERIENCE:**

<b>Production Coordinator</b> 09	SEP 08 – JAN
<b>TEGRON</b> Texas	Austin,
Production coordination of drawing packages for automation of process systems including: plan & elevation views, process flow diagrams, pipe & identification diagrams, mechanical, electrical, instrumentation & controls design drawings, document control logging & drawing revisions. AutoCAD 2009	
<b>Mechanical Designer</b> 08	JULY 07 – JULY
<b>ROEHRS INDUSTRIES</b> Texas	Lewisville,
Mechanical/structural design for prototype ethanol plant: complete charge of all documented drawings, control logging, P&ID's, PFD's, distillation columns, heat exchangers, molecular sieves, tanks, pumps, structural supports, site & plant layout, assemblies with details & all revisions. AutoCAD 2007, CADWorx 2007 & SolidWorks 2007	
<b>Senior Mechanical Designer</b> 07	APRIL 07 – MAY
<b>Worley Parsons</b>	Irving, Texas
Mechanical design & detailing of gas cleaning air filtration systems for industrial usage. AutoCAD 2006	
<b>Detail Designer</b> 07	JAN 07 – MAR
<b>Contract Consulting</b> Texas	Burleson,

Detail design of electrical panel schematics/enclosures for airport baggage automation system. AutoCAD 2007

**Contract Interior Design Drawing Checker**  
06

OCT 06 – DEC

**ASSOCIATED AIR CENTER**  
Texas

Dallas,

Drawing checker for the interior design of customized private & commercial aircraft. AutoCAD 2006

**Mechanical Designer/Quality Assurance Liaison**  
06

FEB 05 – MAY

**DBI MANUFACTURING**  
Texas

Irving,

Detail design of mechanical/structural flat rolled metal coil processing machinery using steel members, involving design operations of foundation layouts & specifications for: coil cars, gear boxes, levelers, piping for push-pull pickling lines, BOM's, checking for coordination of updates on document revisions of engineering shop fabrications.

AutoCAD 2004 & SolidWorks

**Mechanical Designer**  
04

DEC 00 – OCT

**SIEMENS**  
Texas

Irving,

Design & drawing checker for airport baggage conveyor team, layouts & elevations with details for all processes of material handling with BOM specifications, 3-D solutions for all non-standard equipment such as chutes and photo eye alignment sensors. Inter-company group: design & drawing checker for standard & customer specified structural distribution centers, creating layouts & elevations with details in multi-tabulated form for: catwalk platforms, handrails, stairs, ladder-rung crossovers, caged ladders, guards, etc. BOM specifications selecting structural steel members, bracing of all with welds/bolting hardware in completion on timely basis. AutoCAD 2002

**Contract, Mechanical Designer**  
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MAY 00 – DEC

**RAPISTAN SYSTEMS**  
Texas

Irving,

Started as an electrical drafter of control panel drawings for three months, transferred to the mechanical engineering department to complete six month contract & went fulltime, designing/detailing conveyor layouts, elevations, etc. for custom material handling systems of airport baggage operations. AutoCAD 2000

More Professional Experience is available upon request.

#### **EDUCATION:**

**ITT TECHNICAL INSTITUTE**  
93

NOV

Applied Technology Degree in Computer Aided Drafting  
Texas

Arlington,

**INDIAN RIVER COMMUNITY COLLEGE**  
76

MAY

Degree of Associate in Arts  
Florida

Fort Pierce,

#### **SPECIALIZED TRAINING:**

AutoCAD 2D and 3D through Release 2009 with approximately 42,000 plus hours

CADWorx Equipment & Plant Professional 2007 thru 2008

SolidWorks Level One: Essentials Certification

Knowledgeable of Windows/NT/XP Platforms with Microsoft Office Professional Tools