

## **Michael Martin**

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<https://www.mjmcad.com/MJM-Resume.pdf>

## **Engineering Design and Documentation Consultant**

An experienced, versatile professional with extensive experience in fast-paced, detail-oriented, deadline-driven environments. A natural problem-solver who consistently provides accurate and reliable results through streamlined processes and an understanding of intricate design. A wide knowledge of engineering design, oil and gas, midstream, fracturing, cementing, natural gas, chemical plant operations, and laboratory analysis.

## **Skill Set**

CAD, AutoCAD, AutoCAD Electrical, SolidWorks, Inventor, Enterprise PDM, Document Control, Technical Writing, Verbal Communication, Troubleshooting, Instrumentation and Electrical, Hazardous Area Design, Data Acquisition and Analysis, Process Establishment and Improvement, Circuit Prototyping, Programming, Engine Controls, Database, Low and Medium Voltage Motor Controls, Microsoft Office Suite of Applications, HTML

## **Career Progression**

***MJM CAD, L.L.C.***

***Houston, Texas***

***2021 to Present***

Self-Employed CAD / Documentation Consultant

- Implement various CAD projects in instrumentation and electrical, mechanical, weldments, sheet metal, hydraulics, and other disciplines as specified / required by clients.
- Implement documentation such as test procedures and specifications per project requirements.
- Research and source purchased parts.
- Establishment of business and maintenance of legal requirements for operation within the state of Texas.
- Maintain client records and billing with the utmost consideration of confidentiality of proprietary information.
- Maintenance of software licenses, templates, and all documentation for business operation.
- Implemented and maintain company website using html code.

**Forum Energy Technologies, Inc. Houston, Texas****2008 to 2020**Senior Electrical Designer

- Led 4-person design team to produce safe, effective, and efficient instrumentation and control systems for pipe handling equipment in the drilling division of oil and gas business.
- Interfaced with sales team to ensure designs met criteria as specified by customers.
- Tracked purchased parts in MS Access database for completeness and lack of duplication as required for purchasing department.
- Implementation of 3D models, assemblies, and drawings as well as schematic diagrams.

**BJ Services****Tomball, Texas****2001 to 2008**Instrumentation Design DraftsmanSenior Electronic Technician

- Progressed from Senior Electronic Technician to Instrumentation Design Draftsman in 2005.
- Produced schematics as well as assembly drawings for fracturing and cementing units.
- Quality control and troubleshooting of instrumentation.
- Establishment of test procedures and documentation.
- Soldering and desoldering as required for repair and rework of equipment.

**Early Career***YZ Systems, Inc.**Tomball, Texas**R & D Electronic Technician**Cosa Instruments**Houston, Texas**Laboratory Instrument Technician**Arco Chemical**Channelview, Texas**QC Laboratory Technician***Education***Houston Community College**A.A.S.**Electronics Engineering Technology**Lonestar College**C.E. Certification**SolidWorks 1 & 2**NHMCCD**C.E. Certification**AutoCAD 1, 2, & 3**Coursera**Certification**Intro to TCP/IP**Coursera**Certification**Probability & Statistics**Coursera**Certification**Intro to MATLAB*