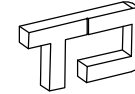


PROFILE: Controls Engineer/Programmer. Recognized in leadership and management. Reputation for being hard working, dedicated, dependable and achievement oriented. Always eager to learn new things and expand knowledge base, capable of learning fast and quick to adapt to new technologies. Good people skills. Work well in teams. Work hard to build professional relationships to maximize productivity.



THOMAS A DOUGLAS
 6014 MOUNTAIN LAKE DR LAKELAND, FL 33813
 (801) 376-6725
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TECHNICAL EXPERTISE:

SOFTWARE: RSLogix5000, RSLogix500, Factory Talk, Wonderware, Autocad 2010, Autocad Electrical 2011, SolidWorks 2011, FeatureCam, Microsoft Office.

EQUIPMENT: Allen Bradley PLCs, VFDs and PanelViews, Fanuc Robotics, Mazak CNC Machining Equipment.

SKILL SET: Controls design and engineering, PLC programming, HMI programming, process instrumentation setup and commissioning, electrical and mechanical drawings and solid modeling.

Owens Corning; Lakeland, FL; August 2012 - Present

Programmer

- Manage the implementation of new automation.
- Perform plant automation support via PLC programming and electrical troubleshooting.
- Improve automation reliability.
- Improve HMI programming and alarming for better operator and maintenance troubleshooting.
- Provide PLC and electrical training for plant electricians and technicians.

WF Engineering; Salt Lake City, UT; August 2011 - August 2012

Programmer/ Controls Engineer

- Developed control systems for fiberglass insulation manufacturing plants around the world.
- Commissioned the above mentioned controls systems.
- Performed PLC and HMI design and programming.
- Worked closely with clients to ensure proper design and final system functionality.
- Responsible for automation and controls engineering, including technical drawings.

Fibertek Insulation; Nephi, UT; October 2009 - August 2011

Electrical Supervisor

- Performed controls engineering and PLC programming .
- Developed new product packaging machine improvements increasing quality and productivity.
- Implemented robotics into packaging process decreasing overall cost of production.
- Designed new tools to decrease maintenance downtime and increase productivity.

CDC Development, LLC; Las Vegas, NV; November 2003 - July 2009

Applied R&D Engineer

- Hydraulic and pneumatic torque wrench tool development.
- Developed solid models and subsequent CNC programs.
- Worked ideas from initial concept to prototype then to final product.
- Performed hands-on prototype machining and construction.
- Worked directly with clients to ensure expectations were understood and met.

PROFESSIONAL EXPERIENCE:

Summary: Current projects include automation planning for automatic bag placers, extensive batch house programming modifications, large improvements to operator interface alarming and troubleshooting screens, significant improvements to chemical system reliability and improvements in PLC network communication.

EDUCATION:

University of Nevada Las Vegas; Las Vegas, Nevada; July 2009
 Bachelors of Science, Mathematical Sciences

Rockwell Automation; Tampa, Florida 2013
 RSLogix 5000

Fanuc Robotics; Troy, Michigan 2013
 Robot Integration

Invensys Wonderware West; Dallas, Texas 2011
 Wonderware InTouch 10.1

Autocad; Las Vegas, Nevada 2008
 Autocad 2008

Solidworks; Las Vegas, Nevada 2006
 SolidWorks 2006

DATE:	RECENT LIFE HIGHLIGHTS:	PERSONAL INTERESTS:
September 19, 2012	Moved the family to Florida.	Love spending time with my family.
July 16, 2012	Had a new baby girl making the grand total 6, 4 girls 2 boys!	Committed member of the Mormon faith.
		Enjoy high performance auto mechanics.

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