

PROFESSIONAL RESUME

Michael C. Wrenn

Applications Engineer and Aspiring Turbo Machinery Specialist

EXPERIENCE

Once upon a time a young man moved to Texas with a dream of making millions in the oil industry. After waking from this dream in 1996, he found the perfect job working offshore on a crew boat. He lived this perfect life for three years.

Along came a perceptive individual who noticed the young man's ability to learn the ins and outs of computers and convinced the young man to pursue a college degree in computer science. The young man pursued a new goal of becoming a kernel developer. Shortly after beginning this quest, the young man was hired as an engineering intern at Triconex. Management at Triconex noticed the young man's potential and decided to hire him full time beginning in the year 2000. A career as an engineering technician began.

As time passed, Triconex became Invensys and the young man became an Applications Engineer.

During his fourteen year as an Applications Engineer, the young man was fortunate to be able to work with such customers as Shell Oil, British Petroleum, Chevron, Exxon Mobil, American Electric Power and Florida Power and Light. This young man developed control systems for gas turbines, steam turbines and petrochemical furnaces. After growing his knowledge of the turbomachinery field, specializing in nuclear generated steam power the young man decided to embark on a new path, and in 2013 he employed with Rockwell for a short time before moving on to Tri-Sen.

Today, that man is in his late thirties and continues to create turbo-machinery applications for Tri-Sen, specializing in compressor safety and control.

EDUCATION

San Jacinto Community College, Houston, Texas 2000 to Present Electrical Engineering

Alvin Community College, Alvin, Texas 1999 to 2000 Computer Science

Updated: 12/26/2014

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RECENT PROJECTS

Eastman Chemical: Current project, Compressor controls upgrade for Eastman Chemical at the Eastman Chemical plant in Kingsport, Tn.

Florida Power and Light: 2010 – 2013 Turbine digital controls upgrade for units 3 and 4 at the FP&L Turkey Point Nuclear Generating plant.

BP – Whiting, Indiana: 2009 – 2010 Power recovery gas turbine and expander powered compressor.

Mirant – Chalk Point, MD: 2009 – 2010 Turbine controls upgrade for units 5 and 6 which consist of Siemens gas turbine and generator.

Cook – Bridgman, MI: 2008 – 2009 Moisture Separator Reheater controls upgrade.

Cook – Bridgman, MI: 2005 – 2008 Turbine digital controls project for the D.C. Cook Nuclear Generating Plant. New controls were designed for the main turbine and feedwater turbines for units 1 and 2.

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