

# PROFESSIONAL RESUME

**Michael C. Wrenn**

Applications Engineer and Aspiring Turbo Machinery Specialist

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## 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 ability 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 eight 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.

Today, that man is in his mid thirties and continues to grow his knowledge of the turbo-machinery field, specializing in nuclear generated steam power.

## EDUCATION

San Jacinto Community College, Houston, Texas

2000 to Present

Electrical Engineering

Alvin Community College, Alvin, Texas

1999 to 2000

Computer Science

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## RECENT PROJECTS

Florida Power and Light: Current project

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.

D.C. Cook – Bridgman, MI: 2008 – 2009

Moisture Separator Reheater controls upgrade.

D.C. 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.