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May 5, 2009

Mr. Celestino Puentes
Rowan Companies, Inc.
2800 Post Oak Blvd.
Suite 5450
Houston, TX 77056

Dear Mr. Celestino Puentes:

My name is Patrick Taylor, and my resume is attached. I am currently looking for an Engineering/Technician/Electrician position within your company. As you can see from my resume, my AAS degree as well as my diverse skills make me a strong yet flexible candidate for this position.

Although I learned of your company specifically through networking, I grew up dependent on the oil exploration industry in Houston (where I also learned to speak Spanish).

In my resume you will find that my current skill set is both wide and deep, both theoretical and practical, both academic and experiential. I have studied electronics (both analog and digital) and have experience with technical troubleshooting and repair techniques.

I have exhibited both stability and dependability in my work history, and I have always aspired to be a tremendous asset to the companies that have hired me in the past. Upon completion of my degree, I went to work for Texas Instruments Inc. where I have held an Engineering Technician position for the last 8.5 years. Due to market contraction during the current global economic recession, my position at TI has been eliminated.

I am available (and would prefer) to begin immediately. I am able and willing to travel. I am married without children, and my wife is currently in Mexico performing altruistic work with several non-governmental organizations.

I would appreciate the opportunity to discuss my credentials with you at a mutually convenient time. Thank you for your consideration. I will contact you in 48 hours to verify receipt of this resume.

Respectfully yours,
Patrick Taylor

Attachment: Resume in Portable Document Format
If your computer does not have a PDF viewer, this resume will also be
posted on my personal web page: www.jobsearchoil.patrickindallas.com

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Objective: A position as an engineer/technician/electrician in the oil exploration industry.

Experience: Texas Instruments Inc. Dallas, TX 75243
Process/Equipment Engineering Technician 07/2000 to 02/2009

- Executed daily operations of photolithography module of a wafer fab tasked with semiconductor microchip fabrication.
- Tested electronics units, using standard test equipment, and analyzed results to evaluate performance and determine need for adjustment.
- Read blueprints, wiring diagrams, schematic drawings, and engineering instructions for electronics units, applying knowledge of electronic theory and components.
- Provided user applications and engineering support and recommendations for new and existing equipment with regard to installation, upgrades and enhancement.
- Assembled, tested, and maintained circuitry and electronic components according to engineering instructions, technical manuals, and knowledge of electronics, using hand and power tools.
- Adjusted and replaced defective and improperly functioning circuitry and electronics components, using hand tools and soldering iron.
- Maintained working knowledge of state-of-the-art tools, software, etc., through reading and attending conferences, workshops and other training.
- Researched equipment and component needs and ongoing operational costs.
- Responded to written and telephone requests for all process engineering, tool maintenance and quality support.
- Performed preventative maintenance and calibration of equipment and systems.
- Maintained system logs and manuals to document testing and operation of equipment.
- Wrote reports and recorded data on testing techniques, laboratory equipment, and specifications to assist engineers.
- Trained and managed training/quality for a team of 15-30 manufacturing specialists and achieved significant improvements in their productivity and quality.

- Trained multiple manufacturing specialists in operating photolithographic fabrication and metrology equipment.
- Successfully handled quality control for a team of 15-30 specialists who operated 60+ tool sets.
- Developed and upgraded preventative maintenance procedures for components, equipment, parts and systems in semiconductor fabrication.
- Structured and maintained a web site and training regimen for newly hired manufacturing specialists.
- Responsible for extensive training of new Process Engineering Technicians and Engineers.
- Represented Process Engineering in meetings and quality analyses during overnight shifts.
- Was instrumental in reducing the module's cycle time and increasing its process yield/quality.
- Wrote, designed and produced web sites, spreadsheets, and presentations for the photo process engineering module.
- Wrote computer software programs to assist myself and the photo specialist teams.

Cuplex Incorporated (closed)

Garland, TX 75040

QC/Fabrication Technician

03/1993 to 07/2000

- Executed daily operations of circuit board fabrication.
- Wrote reports and recorded data on critical measured dimensions during the fabrication profile of printed circuit boards.
- Wrote computer software programs for automated metrology equipment.
- Trained and managed a team of 5 coworkers.
- Read blueprints and engineering instructions for all profile steps including drilling, countersinking, and beveling of circuit boards.
- Fabricated printed circuit boards using CNC routing and drilling machines.

Education:

University of Texas -Dallas

Richardson, TX 75080

Electrical Engineering/Computer Science

Not yet completed.

- Relevant Coursework includes: Digital Systems w/Lab, Digital Circuits w/Lab, Electrical Network Analysis w/Differential Equations, Probability and Statistics, Computer Architecture w/MIPS Processor, Advanced Engineering Math w/Complex Analysis, Java programming
- Completed team project tasked with modeling the MIPS processor using Verilog HDL.

Richland College

Dallas, TX 75243

Associate of Arts and Sciences

2000

- Relevant Coursework includes: Full Calculus sequence through Multivariate, Differential Equations, Applied Linear Algebra, General Physics including Mechanics and Electromagnetics (calculus based), Chemistry for Engineers, C++ programming, Electronics Laboratory Techniques, Circuits I for Electrical Engineering
- Graduated with 4.0/4.0 GPA while working 40+ hours/week.

Additional Training

(2 day Industry Classes with Lab Components)

- AC Circuits, DC Circuits, Digital Circuits I & II, Discrete Components, Power Supplies, Industrial Controls, Electro-Mechanical Shop
- Physics, Chemistry, Dimensional Analysis and Units

Languages:

Spanish **80%** fluency

Hobbies:

B&W photography - shooting, developing and printing
Independent study of Mathematics
Reading World Literature

Currently collecting data for regression analysis of ROI of eco-conscious decisions for single-member households.

Also studying the economic impetus of the Kenyan Mau Mau Uprising.

References:

Aaron Pasel
Rowan Companies, Inc.

Richard Mayfield -PE Deep Certified Specialist
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Robert Shadle -Photo Manufacturing Specialist
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