

Cristina Sarai Pintor Martínez

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Objective To obtain a position as a Manufacturing Engineer.

Education

The University of Texas-Pan American, Edinburg, Tx. Expected Graduation: Summer 2009
M.S. in Engineering Management
GPA: 4.0

The University of Texas-Pan American, Edinburg, Tx. Graduation: May 2006
B.S. in Manufacturing Engineering
GPA: 3.7

CBTis No.73 High School, Rio Bravo, Tamps., Mexico Graduation: July 2001
Accounting Technician Minor

Academic Honors

High School Valedictorian, Junior High Valedictorian, SWB Scholarship 2004, Weyerhauser Scholarship 2004, Jones Academic Scholarship 2008, Dean's List 2002-present.

Relevant Courses

Engineering Materials, Manufacturing Processes, Statistics, Quality Control, Engineering Graphics, Fundamentals of Industrial Engineering, Statics, Dynamics, Simulation, Planning and Control, Automation, Mechanics of Solids, Computer Aided Manufacturing, Computer Aided Design, Mechanics of Fluids, Thermodynamics, Engineering Economics, Operations Research, Total Quality Management, Industrial Cost Analysis, Design of Experiments.

Related Experience

The University of Texas-Pan American, Edinburg, TX

Quality Control Project Fall 2004
Performed a Fractional Factorial experiment.

Manufacturing Processes Project Summer 2004
Researched about the manufacturing of the seatbelt's retractor.

Simulation Project. Spring 2005
Performed a project to determine the optimal production cycle of the headcount A4-E4 assembly line using Arena software.

Senior Design Project Fall 2005-Spring 2006
Performed a project to analyze the feasibility to incorporate a Mini Injection Molding Machine in a production line.

Work Experience

The University of Texas-Pan American, Edinburg, TX June 2008 – Present
Engineering Intern –Texas Manufacturing Assistance Center
Contribute to the development and update of training materials. Provide Lean Master Training to companies. Perform research and develop projects as required.

The University of Texas-Pan American, Edinburg, TX September 2007 –May 2008
Teacher and Research Assistant – Manufacturing Engineering Department
Assist professors in grading papers and homework. Perform research as requested.

Newbold College, Bracknell, England July 2006 – July 2007
Assistant to the Director of Computer Services
PC configuration, trouble-shooting hardware/software faults, creation and management of student accounts, oversee the day-to-day running of the computer laboratory and assist students and lecturers as required.

The University of Texas-Pan American, Edinburg, TX June 2005 – May 2006
Intern –Texas Manufacturing Assistance Center
Perform research and develop projects to improve the production lines of certain manufacturing industrial plants within the Rio Grande Valley using MOST software.

The University of Texas-Pan American, Edinburg, TX June 2004 – May 2005
Math Tutor – Learning Assistance Center
Assist math students with their assignments. Explain math to students

Activities

Golden Key Honour Society	2005-Present
Society of Manufacturing Engineers	2005-Present
Society of Hispanic Professional Engineers	2005-Present

Skills

Software: PC literate in Microsoft Office 2003, Arena, Minitab, Pro-Engineering, PSpice, Most.
Programming Languages: C++
Languages: Spanish, English.

Certificates:

Lean Master (Includes: Lean Manufacturing, Value Stream Mapping, 5S, Set Up Reduction, Total Productive Maintenance, Pull Kanban, Cellular Manufacturing).
ISO 9000 Internal Auditor, Warehouse safety, Six Sigma Black Belt Training.