Octavio Sanchez

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Executive Summary	Team oriented individual with strong analytical and experimental skills as well as experience in the use of simulation and optimization tools for the solution of real-world problems. Experience working in multi-national, multi-cultural teams.

Education

M.S. Industrial Engineering [08/2007]
Arizona State University, Tempe, AZ
Specialty in Operations Research and Production Systems
GPA: 3.64

B.S. Industrial Engineering [12/2003]
Monterrey Tech, Hermosillo, Son, MX
Minor in Systems Engineering
GPA: 3.60

Work Experience

Research Professional [10/2007-Present]
Arizona State University, Tempe, AZ
- Participated in the preparation of project proposals for several private and public organizations in the US and Mexico. The proposals defined the scope of work of potential projects to be done by the IE Department at ASU during 2008.
- Presented past and current research done by ASU, in different forums to attract new companies and organizations to work with the IE Department.
- Coordinated the Planning Meeting for the Center of Engineering Logistics and Distribution at Tempe, AZ on March, 2008. The meeting was focused on giving potential users an overview of the center and its benefits, as well as past and current work of ASU with Industry.

Graduate Research Assistant [08/2005-08/2007]
Arizona State University, Tempe, AZ
- Developed simulation models for the operations of the Port of Guaymas (Mx) and the Mariposa Port of Entry at Nogales, AZ for the "Logistics Capacity Study for the Guaymas-Tucson Corridor" for ADOT.
- Responsible for the methodological design of a logistics platform for fresh produce distribution. This project was part of a study for Mexican farmers to asses their current logistics and distribution exporting operations to the US, and advise of critical steps to improve their procedures and vertically integrate their Supply Chain.
- Organized and supervised the "US-Mexico Binational Aerospace Workshop for Supplier Development", The goal of the event was to provide a platform for the creation of partnerships between OEM's, federal and state governments, and current/potential suppliers from the US and Mexico.

Commodity Leader [03/2004-08/2005]
Motorola, Nogales, Son, Mx
- Managed all procurement and expediting activities for a specific commodity to comply with manufacturing and inventory control requirements.
- Participated with IT and Production Planning departments in the development of systems to improve sourcing and procurement efficiency.
- Coordinated with Commodity Management to meet supplier consolidation and price variance goals.
- Managed or supervised all ECN, NPI, QRE, procurement and sourcing activities for a specific commodity in the manufacturing site.
- Participated in projects as the update of procurement procedures, launch of new ERP version, supplier owned inventory program, among others.
- Negotiated with suppliers to gain improvements in price, material availability, allocation of capacity, inventory exposure, and quality issues, among others.

	Internship: MP&L Simulation Team [09/2003-12/2003]
	Ford Motor Co., Hermosillo, Son, Mx
	▪ Developed simulation models for the raw materials movement between the manufacturing campus and production plant for the launch of the CD-3XX program.
	▪ Developed simulation models for the personnel parking lot operation during back-to-back 24 hr/day production schedule for the launch of the CD-3XX program.
	Internship: MP&L Value Stream Management [Summer 2003]
	Visteon, Hermosillo, Son, Mx
	▪ Coordinated the study for the Value Stream Management implementation for the online inventory replenishment system of the production process of the Ford Focus Instruments Panel and launched a pilot kanban replenishment system in the production line, to finally deliver and present the project to the MP&L and Manufacturing departments.
Research Projects	▪ Master Thesis: "Strategic design of a logistics platform for fresh produce". The study aimed at identifying critical steps and tools required to analyze specific scenarios from the producer's point of view, to make decisions towards the strategic design of a logistics platform and a vertical integration of the supply chain.
Technical Skills	▪ **Software:** MS Office Suite, Minitab, ProModel, Arena, Witness, Slam II, AutoCAD, Oracle, AMPL, Lindo, ILOG-Cplex, Matlab, C++, Photoshop, Macromedia MX Studio, among others.
	▪ **Coursework**: deterministic modeling, simulation, SC modeling, financial engineering, DOE, data mining, decision processes, international logistics, among others.
	▪ **Other:** Proficient use of technology, negotiation experience.
Languages	Fluent in Spanish (native language) & English (293/300pts TOEFL CBT)
Awards	▪ Winner of the Youth National Award in Productivity given by the President of Mexico [12/2004]
	▪ Winner of the IIE 9th Student Simulation Competition sponsored Rockwell Software [05/2003]
	▪ Winner of the IIE Student Award For Excellence [05/2004]
	▪ Member of Alpha Pi Mu – Industrial Engineering Honor Society [05/2006]
	▪ Recognized by the Governor of Sonora with an Excellence Student Award [01/2005 & 06/2003]
	▪ Recognized with an Outstanding Student Award from Monterrey Tech (ITESM) [08/2003]
	▪ Winner of an Outstanding Academic Performance in the National evaluation test: CENEVAL [12/2003]
Other Skills	**Leadership, Communication and Organization Skills**
	▪ Excellent communications skills.
	▪ Works independently as well as team-oriented obtaining positive synergy with co-workers.
	▪ Multitasks between several projects and responsibilities.
	▪ Have coordinated and supervised staff in the organization of activities such as conferences, workshops, among others.
	Individual and Interpersonal Skills
	▪ Responsible, compromised and detail oriented.
	▪ Self-learner and self-motivated.
	▪ Works well under stress.
	▪ Skilled in problems solution, analysis and innovation.