

**ALFONSO IBANEZ**  
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## **OBJECTIVE**

Seeking a challenging position, that will allow me to enhance my technical expertise, business acumen, and professional leadership skills.

## **EDUCATION**

**ARIZONA STATE UNIVERSITY** Tempe, AZ Expected Graduation: May 2011  
*M.S.E, Industrial Engineering, Focus: Production Systems and Logistics* **GPA: 3.7**

- **Relevant course work:** Financial Engineering, Supply Chain Modeling, International Logistics, Regression Analysis, Strategic Planning, Information Systems, Operations research, Design of Experiments

**ARIZONA STATE UNIVERSITY** Tempe, AZ Graduated: December 2009  
*B.S.E, Industrial Engineering, Focus: Operations Management Systems* **GPA: 3.6**

- Minor, Business Administration
- Lean Green Belt

## **WORK EXPERIENCE:**

**Swiss Re** Armonk, NY Summer 2010  
*Engineering Underwriting Intern*

- Designed and developed an automatic pricing tool to write small to medium contractors all risk (CAR) policies from a portfolio of 4,000 risks. Decision variables included territory, geology, deductibles, time of construction and the total insurance value
- Conducted analysis of risks related to the construction involved in the reinsurance industry for energy solutions
- Determined company exposure to various risks in US and Latin America facultative accounts
- Evaluated probable losses, pricing models, natural catastrophes and engineering construction to calculate reinsurance premiums
- Researched, analyzed and presented a study of the new renewable energy market. Focus: Solar, wind and hydro energy

**TASER International** Scottsdale, AZ August 2009 - December 2009  
*Manufacturing Intern*

- Increased production for X26 cartridges by 250% by implementing lean principles, time studies, line balancing, cell production and simulation
- Reduced cycle time of final cartridge X26 configuration by 60%
- Created a new layout for the manual production lines to increase flow of materials and reduce travel time of material handlers
- Recommended the need for safety stock to feed manual production lines in case of a breakdown in any of the automation lines

**Whirlpool Corporation** Miami, FL Summer 2008  
*Logistics Intern*

- Prepared and presented a cost evolution plan by analyzing the costs that the company incurred in the transportation of different appliance lines throughout southern Latin America
- Compared and calculated the total cost of the company for inland freight, export, and forward documentation, detention and demurrage within southern Latin America
- Determined that Venezuela was almost 80% of the total Latin American region transportation cost by developing a cost transportation model using Excel

## **TEACHING:**

**Learning Support Services; Arizona State University** Tempe, AZ January 2008-Present  
*Tutor*

- Assist and advise students regarding key concepts applicable to targeted courses implementing improved study methods, problem solving techniques and developing appropriate study strategies. Received positive feedback regarding the improvement in the understanding of the material covered in class.
- Developed communication, listening, time management, multitasking, leadership and problem solving skills.

## **SKILLS:**

Computer: Microsoft Office, Mat Lab, Java Programming, Visual Basic, Arena, Dreamweaver  
Languages: Fluent in Spanish and English

## **ACTIVITIES:**

Industrial Engineering Honor Society (Alpha Pi Mu): Organized a golf tournament for engineers. August 2007-Present  
Institute of Industrial Engineers (IEE): January 2007-Present  
The Society of Hispanic Professional Engineers (SHPE): August 2007-Present