

Resume of Jose-Luis Cruz

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OBJECTIVE: To make a long lasting impression on a distinguished company through proficient teamwork, innovative thinking and a strong work ethic.

EDUCATION

University of Texas at San Antonio
Bachelor of Science in Electrical Engineering (Candidate, May 2013)

PROFILE

- Effectively utilizes multiple skills to solve complex engineering problems including mechanical and electrical design
- Two years control systems and robotic experience using micro-controller platform
- Designed and constructed multiple remote robots systems including soccer and sumo robots in the Autonomous Controls Engineering lab (ACE).
- Served as project and design leader for Simulation, Visualization, and Real-Time prediction (SiViRT) lab in implementing improvements on the ActiVac system, a KCI produced medical device
- Hands on experience with multiple software applications including Matlab, Autocad, Solidworks, C, Ruby, Python, and Java
- Experience with cloud computing and application building
- Strong interpersonal skills working in a team goal environment

EXPERIENCE

Kinetic Concepts, Inc. Engineering/SiViRT San Antonio, TX 2012-current
Work Study Program

- KCI design project team leader for University work study program
- Sivirt team leader and chief designer on ActiVac system

Hewlett Packard San Antonio, TX 2011- current
Northwest San Antonio Sales Rep

Trains sales employees on new HP product technology and sales techniques at multiple retail locations

- Emphasis placed on mastering technology and creating an upbeat work environment on all things HP
- Leads by example in maintaining a positive, knowledgeable attitude with customers and sales reps

Green Star Internship San Antonio, TX 2010
Research and Development Team

- Developed Ideas and constructed apparatuses to test and simulate long-term use of LED products
- Provided input on design and manufacturing techniques to optimize product efficiency

San Antonio School for Inquiry & Creativity San Antonio, TX 2010
Teacher Assistant/High School Mathematics Tutor

- Tutored and mentored high school students to be better prepared for college

Boys & Girls Club of San Diego San Diego, CA 2008
Volunteer Counselor

- Provided tutoring for underprivileged third, fourth and fifth grade students in all subject areas

PROFESSIONAL DEVELOPMENT

- 2 Year IEEE Member
- 2 Year Robotics Team Member