

BEVERLY ANN RIVERA**OBJECTIVE**

To obtain a position as an engineer in a corporation that will help improve my experience towards being a professional by acquiring the knowledge and skills needed to become an innovator in the analysis, implementation, and design of electrical and electronic devices and systems.

EDUCATION

- Anticipated Graduation Date: May 16, 2015 **The University of Texas at El Paso (UTEP)**
Doctor of Philosophy in Electrical Engineering
- Concentration in Biomedical Engineering
 - Major GPA of 4.0/4.0
- Graduation Date: December 11, 2010 **The University of Texas at El Paso (UTEP)**
Master of Science in Systems Engineering
- Concentration in Electrical Engineering
 - Graduated with a GPA of 3.44/4.0; Major GPA of 3.44/4.0
- Graduation Date: December 13, 2008 **The University of Texas at El Paso (UTEP)**
Bachelor of Science in Electrical Engineering
- Concentration in Fields and Devices
 - Graduated with a GPA of 3.46/4.0; Major GPA of 3.554/4.0

VOLUNTEER EXPERIENCE

- Society for Robotics and BioCybernetics** El Paso, TX
Member *October 1, 2011- Present*
- Interested in developing and working with mechatronics, robotics and biomedical engineering concepts and techniques.
- The International Council on Systems Engineering (INCOSE)** El Paso, TX
Member *August 23, 2010 - Present*
- Known as a not-for-profit membership organization that was founded in 1990. The mission of this organization is to share, promote and advance the best of systems engineering from across the globe to benefit the world.
- University of Texas at El Paso(UTEP) UTeach Summer Institute** El Paso, TX
Panelist *June 22, 2010*
- Participated in a panel discussion which had its main focus on “Women in Engineering”. The panel contained three electrical engineers, including myself, and a civil engineer to gain our perspective on what inspired us to become engineers and what we think high schools can do to inspire more women to become engineers themselves.
- Mexican American Engineering Society (MAES)/ Society of Hispanic Professional Engineers SHPE** El Paso, TX
Member *August 20, 2007 – May 15, 2009*
- Society known all around UTEP College of Engineering. Participated in workshops, career fairs, and attended a convention in Houston, TX. Gain much experience by attending workshops there for interviews and resume writings.
- Alpha Omega Family Christian Center (Centro Familiar Cristiano Alfa y Omega)** El Paso, TX
Youth President *2003-2005*
Youth Vice President *2005-2006*
- Organized activities and fundraisers, Increased funds for youth by 50%
Church Finance Director of Stewardship Campaign 2005-2010
 - Managed all finances for construction fund. Goal was set to \$50,000 in three years and resulted in over \$75,000 in donations.

WORK EXPERIENCE

- Ysleta Independent School District** El Paso, TX
Adult Tutor 2007-Present
- Tutor all grade level students who need to spend more time in specific subject areas in order to pass their TAKS (Texas Assessment of Knowledge and Skills) test so that they may advance to the next grade level.
- Math Mobile Tutorials** El Paso, TX
Tutor 2011-Present
- Work with all grade students from elementary to college levels who need to spend more time understanding material in specific subject areas. Most of the students I work with need assistance in Mathematics and Science.
- Research Institute for Manufacturing and Engineering Systems (RIMES)** El Paso, TX
Research Assistant 2010-2011
- Research for projects at the University of Texas at El Paso (UTEP) in areas of Systems Engineering. Assigned to a project that will begin providing Systems Engineering courses online.
- Mad Science of El Paso** El Paso, TX
Instructor 2009- 2011
- Teach science to children ages 5-12 during after school programs or summer camps doing science experiments and a construction of a robot in one week span.

SKILLS

- Proficient in MS Word, Excel, Power Point and other MS office applications
- Extensive use programming in C, C++ and Assembly, Matlab, Logic Analyzers, Oscilloscopes and other electronic devices
- Working knowledge in English (Advanced speaking, reading and writing) and Spanish(Intermediate speaking, reading and writing)

REFERENCES

- Dr. Ricardo Pineda** University of Texas at El Paso
RIMES Director
Phone: (915)747-6971
Email: rlpineda@utep.edu
- Dr. Thompson Sarkodie-Gyan** University of Texas at El Paso
Mentor/Advisor
Phone: (915)747-7011
Email: tsarkodie@utep.edu
- Mrs. Connie Vasquez** Mesa Vista Elementary/Ysleta ISD
Principal
Phone: (915)434-2701
Email: cvasquez1@yisd.net