Leonard Sheehy

Professional Growth Plan

Educational Technology Leadership Doctor Program

New Jersey City University

My goal is to increase accessibility to education through technology. Learning is limited for some due to lack of means or through disability. Educational technology can bridge the gap for these individuals by providing access to communication, information, and knowledge. I would like to research the best practices in teaching with technology and share this knowledge with others. I will begin by studying the works of authors such as Seymour Papert, Jean Piaget and Mitchel Resnick, just to name a few. Their work will lead me on other paths to explore. The doctoral program at NJCU will allow me to be part of the new vision of learning. I wish to become part of fabricating the future of education. The research conducted in the next three years will improve my leadership skills by increasing my knowledge base. I will thoroughly study the rapidly changing environment of education today by reading publications such as Education Technology Today and Edutopia. This will provide me with the skills necessary to communicate my vision of innovation. I have completed self-assessments provided by Peter Northouse in his book Leadership Theory and Practice (Northouse, 2013). These assessments have defined me as an authentic leader. This practical and ethical style combine with the positive traits listed by Tom Rath and Barry Conchie in their book Strengths Based Leadership come together to create a strong leadership style (Rath,Conchie, 2008). I believe that all members of the team should experience success. This can be accomplished by finding the good in everyone and by providing strength to those in need. I believe that robotics will become even more revolutionary: assisting the disabled, improving the

life of the elderly, and providing advanced medical treatments. In order to assist in this revolution I have developed goals for myself. I plan to become an expert in robotics education. I will accomplish this first by completing the Carnegie Mellon University's ROBOTC training. I will also study the Arduino and EV3 platforms. I will write grants to obtain these packages so that I can research their capabilities. I will continue to present at conferences such as The New Jersey Technology & Engineering Educators Association, design curriculum for robotic education, advise educators on new robotic education breakthroughs, and obtain a Doctorate in Educational Technology from New Jersey City University.