Name: Zakaria Ibrahim
Project Title: Field Engineer
Company: Delta Airlines
Sponsor: Adam Wright
Course: TINFO 497
Instructor: Yan Bai

Abstract

As an intern for Delta Airlines, I have engaged in various tasks and undertook numerous projects as a Field Engineer. Tasks such as the monitoring of activities at a given location, and projects that include the launch of the new terminal at Los Angeles International Airport and the expansion of the existing Salt Lake International Airport. These tasks and projects required the inspection and installation of Delta equipment's and new technologies across multitude of departments and locations to in order to carry out upgrades or to tackle critical infrastructure failures. My primary functions being to support new and existing software requests for specified role(s). In addition to that, I successfully installed, deployed, maintained, and repaired mechanical, electrical, software, and hardware related equipment's. In order to provide support, I had to first familiarize myself with company infrastructure as well as the developmental and productional stages of devices. I was also tasked with identifying threats and vulnerabilities in systems and software's as taught in this program and ones before this to develop and implement high-tech solutions to defend against hacking, malware and ransomware among others. Throughout the internship, I broaden my knowledge not only in hardware and software but also in computer network and security.