Samuel T. Rivera
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EDUCATION

Stevens Institute of Technology
Pursuing Master's Degree – Systems Engineering   Feb. 2015 – Presently Enrolled

ITT Technical Institute, Albuquerque, NM   Dec. 2004
Bachelor's Degree – Electronics Communications Engineering Technology
GPA 3.5/4.0 Honor Award

TECHNICAL COMPETENCIES

Q Clearance (DOE)	Electronic Circuit Design	Modern Wireless Communications
Advanced Circuit Analysis	Communications Cabling	Technical Calculus
Digital Communication Systems	Data and Network Communications	C++ Programming in Linux
IEEE Bus Systems	Ethernet Interface	LabVIEW software Programming

PROFESSIONAL EXPERIENCE

Sandia National Laboratories, Albuquerque (Kirtland AFB), NM   Nov. 2014 – Present
Sr Engineering Support Technologist
Support several different projects including high impact security projects with quick production turnaround. Soldering skills, 10+ years of LabVIEW programming. Work with teams here at Sandia to help engineer, design, build devices for customer support and mission readiness. Manage lab owner and lab access responsibilities along with documentation. Custom build enclosure housings for circuit board systems. Proficient with 3D printer software and printing parts. Tested an assortment of radio frequency systems included GPS and Iridium satellite network.

TMC Design, Alamogordo (Holloman AFB), NM   Sept. 2005 – Sept. 2014
Jr Electronics Engineer/Field Technologies/Programmer
Operation, testing, troubleshooting, repairing, aligning, calibrating, and modifying remotely operated portable & mobile transmitter stations for advanced GPS navigation testing programs conducted by the U.S. Department of Defense. Programmed LabVIEW software control and database integration required to meet test repeatability obligations for both D.O.D. and civilian electronic warfare equipment testing with the USAF 46 Test Group Instrumentation Section.

Advanced Communications, Albuquerque, NM   Sept. 2003 – Sept. 2005
Installer Supervisor/Installer
Managed projects and worked with technicians for the installation of 2-way radios, light-bars, and other radio frequency equipment into law enforcement units and vehicles. Worked on LMR's (Land Mobile Radios) programming and troubleshooting circuit boards for a Motorola contract.

Alarm Control Technologies, Albuquerque, NM   Jul. 2003 – Sept. 2003
Installer/Technician
Installed fire, home and commercial alarm security systems. Installed in-wall vacuum systems for commercial and residential buildings. Programmed residential and commercial alarm security systems and tested fire alarm pull stations.

Software Solutions, Albuquerque, NM
Quality Control Software   Jan. 2002 – Jul. 2003
Test varies compiled software programs for Virgin Atlantic Airlines and Other airline companies to ensure software readiness and quality control.

LEADERSHIP

Teaching	Program Lead	Communication Skills
Mentoring	Team Work	Softball Coach
On-the-job training	Work Ethic	Project Lead