**WORK EXPERIENCE:**

Rhode Island Air National Guard, Quonset State Airport, RI

C-130J Avionics Technician Instruments and Flight Control Systems (June 2010 to present)

* Maintain autopilot and autothrottle systems, heads-up and heads-down displays, digital flight

data recorders, distributed air data systems, fuel management / quantity indication, standby

instruments, mission computers, 1553B databus communications and digital system integration

* Analyze and troubleshoot integrated avionics systems malfunctions
* Inspect, remove, repair, and install system components
* Perform general aircraft servicing and handling
* Support aircraft mission readiness through strict compliance with technical data and Air Force

regulations to ensure occupational safety for peers and subordinate Airmen

* Train new Airmen and International Air Forces on C-130J avionics systems
* Assist with the maintenance of communication, navigation, and electronic counter measure

systems

* Currently possess a valid U.S. security clearance which is available upon request

Research on Uses for Android Wearable in the Medical Field (June 2014 – October 2014)

* Build and maintain server database for all data recorded during experiments
* Create and maintain Android application to upload data to database server
* Design and build Android wearable application to gather gyroscope and accelerometer data and send to phone application

Web Development and Database Management (September 2014 – Present)

* Create and maintain university websites
* Create and maintain university databases

**TRAINING & EDUCATION:**

* University Of Rhode Island – Electrical Engineering, Graduation Date: May 2016
* Java Programming – Self Taught, June 2013
* Android Development – Self Taught, June 2014
* Python – Self Taught, September 2009
* C++ - Formal Class, January 2012
* HTML – Self Taught, September 2014
* CSS – Self Taught, September 2014
* Matlab – Formal Class, January 2011
* Microsoft Visual Basic – Self Taught, January 2010
* Advanced Avionics Technologies for Instrument and Flight Control Systems - Graduated February 2011
* Electronic Principles - Graduated October 2010
* Basic Military Training - Graduated August 2010

**MILITARY:**

Serving in the Rhode Island Air National Guard

Current Rank: SSgt/E-5

Security Clearance: Available upon request

**CAMPUS INVOLVEMENT:**

National Society of Black Engineers

Society of Hispanic Engineers

Institute of Electrical and Electronics Engineers

**COMMUNITY:**

Volunteer Landscaping for Elderly and Handicapped

**REFERENCES:**