

# Joseph C. Abercrombie

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## EDUCATION

### **Bachelor of Science in Electrical Engineering**

Mississippi State University, Starkville, MS

Expected Graduation Date: May 2016

## PROFESSIONAL EXPERIENCE

### **United States Air Force, Dover AFB, DE**

#### **Avionics Technician Journeyman**, July 2004 - May 2008

- Executed technical repairs on C-5 and C-17 aircraft to support mission objectives
- Ensured all aircraft were appropriately serviced and operational according to mission needs in a timely manner
- Trained and guided subordinate employees for successful integration into flightline operations
- Coordinated priorities and job assignments of employees included in career-field specific operations
- Recorded repair and operational information pertinent to management via fault reporting software
- Developed and quality tested technical data required for important aircraft upgrades, with the aid of engineers
- Conducted daily update of codes required for secure communications through aircraft radio equipment

#### **Avionics Technician Apprentice**, June 2004 - July 2004

- Performed maintenance and repair operations of C-5 aircraft
- Attended training classes to learn critical information required for proper maintenance practices while ensuring mission success

#### **Avionics Technician Helper**, May 2004 - June 2004

- Attended technical training classes to learn advanced troubleshooting and advanced system operations

## RELEVANT SKILLS

### **Proficiency in:**

ORCAD P-Spice, Word, Excel, Powerpoint, Mathematica, Xilinx, Digilent Waveforms, Fault Reporting Software, C, C++, Python, Assembly, MATLAB, Electronics Measurement Equipment, Advanced Troubleshooting Abilities, Advanced Soldering Techniques, PLCs, Signal Analysis, Feedback Control Systems, Electrical and Mechanical maintenance, Hand and Power Tools, Photoshop, Microsoft Office, AFSSO-21(Six Sigma),

### **Experience in:**

Microprocessor Operation and Programming, Circuit board design, CAD software