Lockheed Martin Electrical Hardware Engineer Interview

BS Electrical Engineering, Electronic Engineering, Engineering Physics degree or equivalent. Excellent verbal and written communication and analytical skills. A working knowledge of basic electronic measurement equipment is a plus. This may include the ability to take measurements using an oscilloscope and a Digital Volt Meter, or use of a Spectrum Analyzer and/or a Measurement receiver. Skill and ability to: collect, organize, synthesize, and analyze data; summarize findings; develop conclusions and recommendations from appropriate data sources. The ability to obtain an interim security clearance is required. Minimum 3.0 cumulative GPA.

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Electrical Hardware Engineer - JAN 2019 Start

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**Description:**Lockheed Martin Corporation's Rotary and Mission Systems (RMS) business is in search of astute entry level professionals to join the team in Owego, NY. This role offers an exciting opportunity to start your career with a top-tier employer known throughout the world for its engineering prowess, its game changing product offerings, and robust solutions.   
  
The electrical engineer will assist in multi-functional product development for ruggedized military processing solutions, including digital and analog circuit card design, radio frequency (RF) and antenna design, electromagnetic interference testing, and platform system integration.  
  
In this important role, the engineer will collaborate with other engineering disciplines and program personnel and will participate in cross functional six sigma style product or process improvement meetings. Keeping up-to-date on emerging technologies and tools will be encouraged.   
  
The successful candidate will be flexible, motivated, dedicated, detail-focused, team-oriented, and capable of multi-tasking.   
  
Lockheed Martin has a strong reputation as being one of the best companies to work for in the U.S. We offer a continuous learning environment with strong career growth and advancement opportunities over the long-term.   
  
This position is for the Advanced Integrated Products organization, which focuses on design, development qualification and integration of airborne avionics equipment.  
  
  
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The ability to obtain an interim security clearance is required.  
  
Minimum 3.0 cumulative GPA.  
**Basic Qualifications:**  
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Minimum 3.0 cumulative GPA.  
**Desired Skills:**  
Electrical (Electronics) Engineering:  
- Analog and power supply circuit design  
- FPGA programming using Verilog/VHDL  
- Familiarity with processor design & architecture  
- Test equipment hardware (Oscilloscopes, logic analyzers, etc.) and associated software.  
- Designing custom test racks using commercial equipment for validating and evaluating customer hardware performance  
  
Electrical (Antenna/RF) Engineering:  
- Analog/power supply, Radio Frequency (RF), Wireless Communications and Antenna design experience  
- Familiarity with Microwave Office and Matlab  
  
Electrical (EMI) Engineering:   
- Experience with hardware design for Electromagnetic Interference / Compatibility (EMI/EMC) and requirements / procedures of MIL-STD-461, 464 and DO-160 testing standards   
- Knowledge of EM theory to apply design techniques and design features to control electromagnetic (EM) emissions (intentional and un-intentional) and susceptibilities

**Lockheed Martin is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, pregnancy, sexual orientation, gender identity, national origin, age, protected veteran status, or disability status.**As a leading technology innovation company, Lockheed Martin’s vast team works with partners around the world to bring proven performance to our customers’ toughest challenges. Lockheed Martin has employees based in many states throughout the U.S., and Internationally, with business locations in many nations and territories.  
  
Join us at Lockheed Martin, where we’re engineering a better tomorrow.**Experience Level:** 4 yr and up College**Business Unit:** ESS6500 RMS**Relocation Available:** Yes**Career Area:** Electrical Engineering**Clearance Level:** Secret**Type:** Full-Time**Virtual Location:** no**Work Schedule:** TEMPO: 9X80A - Standard Fri to Fri (Flex & Rigid)**Shift:** First

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| ROLE OBJECTIVE: The first objective will be to work through the last 2 years indexing them so that they can be search and sorted in the future for a reference to quote.The Applications Engineering intern will be a temporary assistant to learn the design work and cover overflow work on simple designs while the Applications Engineers work on more complex requests.    The long term goal is to help work toward achieving a velocity level of 6-7 designs per week. |
| GENERAL FUNCTIONS/SPECIFIC RESPONSIBILITIES:    **Specific Responsibilities:**   * Develop an environment of continual improvement through the use of Lean tools * Promote the Bird Family Values through your actions – ***Trust, Innovation, Teamwork, Achievement and Accountability*** * Assist with Combiner and Multicoupler system designs applying Bird filter products. * Create drawings of system designs for customer quote packages. * Develop the documentation required to build systems, drawings, BOMs etc. * Assist with applications for products, especially with key customers. * Perform functional tests on electronic products for engineering design verifications * Assist with development of special RF filters and circuits * Assist with test/debug and documentation of new products * Assist with engineering design verifications and product validations * Assist with circuit and system design and debug * Other duties as assigned. |
| REQUIRED SKILLS/KNOWLEDGE/COMPETENCIES (Applicant must meet all to be considered):  **Required skills/Qualifications:**   * Electrical Engineering aptitude with understanding of electrical circuits * Enrolled in a BS program in electrical engineering with coursework in RF technologies. * Familiarity with electronic test equipment (e.g. oscilloscope, meters, instrumentation) * o    Good problem solving skills. * Excellent communication skills, both verbal and written. |
| DESIRED SKILLS/KNOWLEDGE/COMPETENCIES (Applicants may be considered even if they do not possess any or all of these):  **Optional skills:**   * Familiarity with RF test equipment and instrumentation (VNA Spectrum Analyzer) * Basic competence with one or more programming languages (C/C++, Python, Basic etc) * Familiarity with computer operating systems such as Windows Linux, Android * Good presentation skills. |