List of Wireless Communication, Radio Frequency (RF), and Microwave Engineering Jobs in Utah

Date searched: March 9, 2021

Search Tool: Google

Keywords searched for: 'RF Engineer Jobs Utah', 'Microwave Engineer Jobs Utah', 'Electromagnetic Engineer Jobs Utah'

Jobs Posted Date: Within the last two months

No.	Job Title	Job Link	Company	Location	Relevant Skills
1	RF Engineer	https://spectrum-engineers.com/jobs/rf-engineer/?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	Spectrum Engineers	Salt Lake City, UT	Design RF systems, RF site surveys, signaling systems, cellular, SMR, radar components, previous use of RF test gear, strong RF design concepts, experience with iBwave.
2	RF Electrical Engineer (New Grad)	https://careers.l3harris.com/job/salt-lake-city/rf-electrical-engineer-new-grad-salt-lake-city-ut/4832/17002550?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	L3Harris	Salt Lake City, UT	Determine design approaches and parameters, perform system analysis to determine design feasibility, utilize modeling tools and equipment based on analysis of specifications and reliability, perform simulations, RF/Microwave device testing and evaluation including s-parameters, large signal load pull characterization, modulated signal measurements, familiarity with common commercial RF design and analysis tools to design and analyze RF circuits and systems (i.e. ADS (Keysight) , HFSS (Ansys), CST, MATLAB, etc), Determine design approaches and parameters. Analyze electrical requirements to determine feasibility of design within time and cost constraints. Analyze equipment to establish operating data, conducts experimental tests and evaluates results.
3	Engineer – Radio Frequency	https://www.ziprecruiter.com/c/L3-Technologies/Job/Engineer-Radio-Frequency/-in-Salt-Lake-City,UT?jid=913401f5e9b49896&utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	L3 Technologies, L3Harris Technologies	Salt Lake City, UT	RF engineering support, technical performance and quality of RF equipment, hands on SME with all and anything RF related, Electrical Engineering discipline preferred, experience in product development in military application environment, engineering architecture and design.
4	RF Engineer	https://www.ziprecruiter.com/c/Verizon-Wireless/Job/RF-Engineer/-in-West-Jordan,UT?jid=8eabea3e3a42afae&utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	Verizon Wireless	West Jordan, UT	Support overall network performance, RF design team, design of sites in a geographical area, work with Capacity and System Performance to identify and kick off new search areas for cell sites, and walk candidate locations, approve site locations and create RF site designs, coordinate with various groups including Capacity, SP Engineering, and Operations, etc. to design and successfully deploy network improvement solutions, Optimize LTE and RAN Networks, continuously improve the performance of voice and data wireless networks, experience in the cellular or telecommunications industry, knowledge of LTE including VoLTE and RAN Networks, also including Antenna patterns / selection. + Knowledge of 5G-NR standards, Knowledge of LTE Radio Frequency System Design and Optimization. + Knowledge of 3GPP LTE standards including VoLTE. + Experience working in Atoll propagation tool, experience with EME analysis tools such as RoofMaster.
5	RF/Microwave Engineer	https://wavetronix.breezy.hr/p/dbf3d3b3599d-rf-microwave-engineer?utm_campaign=google_j	Wavetronix	Provo, UT	Solid background in radio-frequency/ microwave circuits and antenna design, research, design, develop, and test RF boards and antennas to enhance the performance metrics for current products and to meet the requirements for future radar sensors, experts in

		obs_apply&utm_source=google_jobs_apply&utm_medium=organic			RF circuits, radar systems, signal processing, and embedded systems, design and RF architecture of Wavetronix radars sensors, RF design tools, Design, simulate, and layout RF features (circuits and antennas) using software (ADS, HFSS, Altium etc.) to ensure their performance meets the required RF specifications, Analyze the performance of fabricated RF circuits and antennas with test equipment (network analyzer, spectrum analyzer, and anechoic chamber etc.), Research and test new RF chipset in the market to evaluate their feasibility for current and future products, a solid foundation in the RF and antenna technology being used in radar sensors, a key contributor to research on RF circuits and antennas for future sensor technology, demonstrated mastery of electromagnetics, antenna and microwave circuit theory, demonstrated ability to design and simulate RF circuits and antennas using ADS and HFSS, Proven proficiency and hands-on experience with the use of spectrum analyzer and network analyzer, Demonstrated ability to use Matlab for data analysis, experience in board layout using Altium is preferred.
6	RF Field Engineer	https://www.linkedin.com/jobs/view/rf-field-engineer-salt-lake-city-at-groupa-2410392499/?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	GroupA	Salt Lake City, UT	Assist in all aspects of deploying and supporting Itron hardware and related systems in supporting SSN's (Itron's) network, troubleshoot network problems, perform radio frequency (RF) coverage tests, and gather survey data, remediate network gear in buildings and at homes that will require a RF investigation and or failed gear, troubleshoot radios out in the field using supplied test equipment.
7	Senior Manager, Radio Frequency & Wireless Engineer	https://hypjobs.com/job/19811158/Senior-Manager-Radio-Frequency-Wireless-Engineer?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	Harris Technologies	Salt Lake City, UT	Manager of the RF Systems, RF Sub-Assemblies, Signal Integrity, EMI, and Power Supply Design, execution of all programs/designs for the group which includes meeting technical performance, responsible for overseeing a staff of engineers, technicians and maintaining/managing the RF labs, power supply design equipment, and EMI chambers, experience with EMI, Signal Integrity, TEMPEST, and Power Supply design, experience in Radio Frequency design, experience with high-rate DOD communication systems, satellite communication systems, spread spectrum systems, or Software Defined Radios is a plus.
8	Sr. Digital RF System Engineer	https://www.linkedin.com/jobs/view/sr-digital-rf-system-engineer-at-amazon-2431554968/?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	Amazon	Salt Lake City, UT	Project Kuiper a constellation of Low Earth Orbit satellites that will provide low-latency, high-speed broadband connectivity As a Senior Digital RF Engineer, conceive and design innovative product solutions. You will work closely with internal inter-disciplinary teams, and outside partners to drive key aspects of product definition, design, validation and optimization. As a senior member of the Digital RF Systems team, you will be responsible for architecture, simulation, and End to End implementation, validation and performance optimization of phased arrays beamforming systems. Based on system level constraints, you will develop a solution supporting high throughput / availability, low power flexibility in capacity, and optimized for RF system constraints. In This Role You Will • Develop, Optimize and validate Digital Signal Processing algorithms • Optimize model RF transceivers behavioral models and RF line-up performance trade analysis • Develop and Optimize impairments compensation and system calibration methods for phased array systems

					• Simulate / and validate digital beam forming implementations, algorithm and architectures with model, FPGA prototype and Silicon • Develop detailed test plans and test procedures for validation and characterization of RF Wireless SOC performance • Develop automation of test procedures with instrument control • Meet with vendors and technology suppliers to select technologies for testing and instrumentation • Debug issues and optimize conducted and OTA throughputs performances collaboratively with communications systems and implementation teams (FPGA, ASIC, SW) for both pre and post silicon validation • Bring up and test digital functionality using embedded FW • Characterize high speed SERDES and RF parameters of Amazon's custom silicon Basic Qualifications • Bachelor's degree in Electrical / Communications Engineering or related field, or equivalent experience • 10+ years of experience in testing or design of RF or HW or Digital signal Processing algorithms • Experience in wireless system simulation, bring up and validation • Experience with lab bring up, validation of ASIC, RF transceivers systems Preferred Qualifications • Master's / PhD degree in Electrical / Communications Engineering or related field • MATLAB, Python experience with emphasis on test automation, instrument control and data management • Bit accurate matching of RTL modules • Analog Mixed Signal co-simulation experience • Good analytical, problem solving and communication skills • Experience with VNA, spectrum analyzer, high speed scopes and logic analyzer • Background in Communication Theory, OFDM, MIMO, Digital/Wireless Communication Systems and RF engineering
9	Radio Frequency (RF) & Antenna Product Line Engineer	https://careerlift.jobs/harris-company-radio-frequency-rf-antenna-product-line-engineer-94600021?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	Harris Company	Salt Lake City, UT	Radio Frequency (RF) & Antenna Product Line Engineer, manage all engineering aspects of one or more products in L3Harris BCS's product line, the systems engineer becomes a product expert managing product improvements and many enhancement efforts for supported product, product design enhancements and upgrades on an occasional basis, Run product interoperability and design verification testing as major product changes occur, ensure product manufacturability and optimize process issues, resolve engineering design defects, to improve product yield and testability. Qualifications: • An ABET (EAC/CAC) accredited Bachelor's degree in an Engineering discipline is strongly preferred, or equivalent technical education and experience. • 6+ years' knowledge of RF fundamental engineering concepts, practices, and procedures for the solution of technical problems. • Experience with root-cause analysis desired. Familiarity with electrical, mechanical, software, and manufacturing engineering required.

					Preferred Additional Skills: • Technical knowledge of L3 product line is desired. • Familiarity with production test, validation, and verification methods and best practices is beneficial.
10	Electrical RF Engineer	https://www.glassdoor.com/job-listing/electrical-rf-engineer-clearfield-utah-ersta-work-solutions-JV_IC1128210_KO0,38_KE39,59.htm?jl=3609708226&utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	ERSC Work Solutions	Clearfield, UT	Experienced Electrical RF Engineer, will support electromagnetics and radio frequency (RF) testing. Working knowledge of RF testing of structures, antennas, radomes, and other aerospace related components is a must. The qualified applicant shall be able to perform data analysis and present findings to program engineering teams, be able to author or review RF test plans, and provide input to test fixture design, manufacturing, and set-up. Requirements & Qualifications: B.S. in Electrical Engineering (ABET), specializing in RF / Electromagnetics; M.S. is desirable Minimum 5 years with B.S. or related experience, 3 years with M.S. Relevant experience in aerospace industry, with experience in testing and analysis of structures conformal antennas/apertures, arrays, and Radomes Solid background in electromagnetics Working experience with test and evaluation of microwave devices Verification of antenna, radome, and structure performance through prototype fabrication, integration into test fixture(s), and testing Experience with commercial data analysis software, such as Knowbell and/or Pioneer Familiarity with Computational Electromagnetic (CEM) tools
11	Radio Frequency (RF) & Antenna Product Line Engineer	https://www.ziprecruiter.com/c/L3Harris/Job/Radio-Frequency-(RF)-&-Antenna-Product-Line-Engineer/-in-Salt-Lake-City,UT?jid=da33006bfcdfd930&utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	L3 Harris	Salt Lake City, UT	L3Harris is currently seeking a Radio Frequency (RF) & Antenna Product Line Engineer, manage all engineering aspects of one or more products in L3Harris BCS's product line, the systems engineer becomes a product expert managing product improvements and many enhancement efforts for supported product, lead product design enhancements and upgrades on an occasional basis, run product interoperability and design verification resting as major product changes occur, also works closely with L3H Operations, and contract manufacturers to ensure product manufacturability and optimize process issues, resolve engineering design defects, to improve product yield and testability. Qualifications: • An ABET (EAC/CAC) accredited Bachelor's degree in an Engineering discipline is strongly preferred, or equivalent technical education and experience. • 6+ years' knowledge of RF fundamental engineering concepts, practices, and procedures for the solution of technical problems. • Experience with root-cause analysis desired. Familiarity with electrical, mechanical, software, and manufacturing engineering required. Preferred Additional Skills: • Technical knowledge of L3 product line is desired. • Familiarity with production test, validation, and verification methods and best practices is beneficial

12	Senior RF & Electromagnetic Engineer	https://jobs.ieee.org/jobs/senior-rf-electromagnetic-engineer-west-jordan-utah-84084-121176175-d?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	Optisys	West Jordan, UT	We are looking for an antenna designer who designs antenna components with waveguide technology. We prefer expertise in HFSS with recent experience OR expertise in CST with HFSS experience. This role is for an individual who is open to additional learning and would relish the opportunity to immerse themselves in both project work and deeper RF theory to support our extensive IRAD activities. This is a new role, due to the exponential increase in design work, specifically in electromagnetic antenna design. This role is an opportunity to work on the leading edge of metal 3D printed antennas, which are a novel class of antennas that allow for pushing the limits of what physics allows in antenna design. Optisys antennas can be found all around the world and out of this world in space. This position requires creativity and exploration of difficult design challenges to solve problems that have not been encountered before.
13	5406-RF Engineer with Antenna/Radome experience	https://www.ziprecruiter.com/c/Qualitek-Services,-Inc.-CHURN/Job/5406-RF-Engineer-with-Antenna-Radome-experience/-in-Magna,UT?jid=18cdb52aecd4aeaa&utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	Qualitek Services, Inc. - CHURN	Magna, UT	RF Engineer with Aerospace Antenna/Radome experience, B.S. in Electrical Engineering (ABET), specializing in RF / Electromagnetics; M.S. is desirable, Minimum 5 years with B.S. or related experience, 3 years with M.S. Relevant experience in aerospace industry, with experience in testing and analysis of structures, conformal antennas/apertures, arrays, and Radomes Solid background in electromagnetics Working experience with test and evaluation of microwave devices Verification of antenna, radome, and structure performance through prototype fabrication, integration into test fixture(s), and testing Familiarity with Computational Electromagnetic (CEM) tools Desired Skills and Experience: Working experience within various anechoic test chambers Ability to create software algorithms for design, optimization, and data analysis using tools such as MATLAB or FORTRAN Proficiency with Computational Electromagnetic (CEM) codes such as HFSS, FEKO, PMM, XPATCH, RAM2D, etc. Familiar with common material measurements for the extraction of electrical properties RESPONSIBILITIES: The qualified applicant shall be able to perform data analysis and present findings to program engineering teams, be able to author or review RF test plans, and provide input to test fixture design, manufacturing, and set-up.
14	Senior Software Engineer, Artificial Intelligence (AI) for RF systems	https://www.ziprecruiter.com/c/L3-Technologies/Job/Senior-Software-Engineer,-Artificial-Intelligence-(AI)-for-RF-systems/-in-Salt-Lake-City,UT?jid=dda1809c5c6b1c08&utm_campaign=google_jobs_apply	L3 Technologies	Salt Lake City, UT	Senior Software Engineer, Artificial Intelligence \(AI\) for RF systems We are looking for software engineers with experience in physically\-embodied Artificial Intelligence \(AI\)\. Domains of interest include RF systems, robotics and autonomous vehicles, cyber security, and manufacturing\. Topics of interest include mission and route planning, scheduling, resource allocation, reasoning over uncertainty, distributed coordination, data fusion, game theory, and machine learning

| | | &utm_source=google_jobs_apply &utm_medium=organic | | | \(ML\) for signal characterization, anomaly detection, predictive trend monitoring and real\-time reinforcement\-learning\-based network control\.

This engineer will participate in collaborative teams of RF engineers, designing AI solutions to distributed, dynamic, complex control problems\. The majority of our platforms are small embedded systems with hard\-real time operating requirements that most operate in congested or contested spectrum\.

Responsibilities: + Project contributor and/or lead for AI\-related solutions to RF problems\. Identify problems that are conducive to AI\-based solutions, and justify how the AI\-based solution will solve the problem more efficiently or more effectively than traditional approaches\.

+ Design, code and test AI\-based solutions to RF problems\. + Practical experience with AI techniques for physical systems, such as RF, robots, factories, unmanned aerial vehicles \(UAVs\)\.

Desired experience: + Practical experience with AI techniques for RF systems + Understanding of the practical limitations of hard real\-time embedded devices in a communications\-restricted domain, preferably with demonstrated implementation experience in C/C + Familiarity with common AI/ML platforms, such as Tensorflow, Caffe, Weka, mlpack, Scikit\-Learn, MATLAB, R. |
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| 15 | EMI/EMC Engineer | https://www.ziprecruiter.com/c/Ashton-Lane-Group,-Inc/Job/EMI-EMC-Engineer/-in-Salt-Lake-City,UT?jid=504e2b2654e77217&utm_campaign=google_jobs_apply &utm_source=google_jobs_apply &utm_medium=organic | Ashton Lane Group, Inc | Salt Lake City, UT | Providing satellite communications systems support for a leading aerospace and technology company

Responsibilities:
• Participate in the proposal process for programs with EMI/EMC requirements.
• Perform design and test activities to achieve EMI compliance.
• Support both system and sub-system development efforts and design reviews, including: sub-system partitioning, packaging, internal and external cable design, grounding and isolation requirements, CCA layout recommendations, schematic development, grounding maps, trade studies, analysis and simulation activities.
• Apply engineering principles to investigate, analyze, plan, design, test, and evaluate L3T programs for Electromagnetic Environmental Effects (E3).
• Perform simulations with SPICE or other EMI/EMC simulation tools to predict CCA-level and system-level EMI performance, and also understand anomalies observed during hardware testing.
• Prepare, conduct and participate in design reviews.
• Create an EMI Control Plan, Test Plan, Test Procedure, Test Report and other applicable documents.
• Perform required pre-test setup and calibration measurements prior to testing.
• Direct EMI testing activities and participate in EMI related system and sub-system troubleshooting efforts.

Requirements:
• 3+ years' Electromagnetic design /testing / support experience
• Knowledge of electromagnetic theory, radiated and conducted emissions, signal and power coupling effects, susceptibility of systems, Electromagnetic Interference (EMI), |

					Electromagnetic Compatibility (EMC), Electromagnetic Environmental Effects (E3), Lightning effects, EMP and HEMP. • Focus on designing for, and testing to MIL-STD-461, MIL-STD-464 and RTCA/DO-160 specifications • Experience with EMI/EMC design techniques for wide-band, high-isolation performance, signal containment, source suppression and RF grounding. • Excellent written and verbal communication • Bachelor of Science degree in electrical engineering or related discipline
16	RF Design Engineer	https://www.myvalleyjobstoday.com/jobs/rf-design-engineer-bluebell-utah/235469602-2/?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	Further Enterprise Solutions (FES)	Bluebell, UT	10+ years as a RF Engineer or related position. An RF Engineer must use creativity and sound judgment to provide the proper design and optimization of the portion of the network assigned to them. Minimum Required Skills / Competencies: • Must have recent LTE Design experience with competing carrier solid understanding of RF propagation principles, cellular theory, RF engineering tools and antenna theory. • ASSET & ATOLL tool experience. • Must understand Asset data fields. • Education and Experience: BS in Engineering, Engineering Technology or equivalent technical degree; or equivalent work experience required
17	Senior RF System Engineer		i5 Technologies	North Logan, UT	i5 Technologies Inc., is searching for a senior RF microwave/mm-wave design engineer to join its growing 5G NR antenna business. You will be the RF team leader who will work on the RF design aspects of Antenna Array in Package (AiP) modules from antenna array elements to baseband modem. You will work side by side with the Antenna/EM team of engineers. About i5 Technologies Inc. (i5): i5 is an early stage start-up developing a new class of ground-breaking intelligent antenna array modules for use in 5G NR cellular, autonomous cars and satellite communication applications to name a few. i5's goal is to become a leader in the design and production of intelligent antennas for mobile wireless communications. i5 is a place to innovate and shape the future of wireless communications. Essential Duties & Job Responsibilities: • Design, analyze, develop, test and evaluate mm-wave (24 – 40 GHz) intelligent Antenna array in Package (AiP) modules that are monolithically built in a multilayer printed circuit boards. • 5G RF front-end architecture design and analysis using simulation tools such as ANSYS HFSS and Keysight ADS tools. • Design, implementation and optimization of the RF circuit aspects of the AiP module which include Up/Down Converters, PAs/LNAs, synthesizers, and interconnections from antenna feed ports via RF-IC core chip ports all the way to the baseband modem. • Support the PCB manufacturing process flow of the AiP module. Basic Qualifications: • BSEE required (MSEE and PhD in EE preferred) with Antennas and RF microwave/mm-wave engineering focus.

					• 5+ years of research and/or industry experience in Antennas and RF microwave/ millimeter-wave circuit design.

• 5+ years of research and/or industry experience in Antennas and RF microwave/ millimeter-wave circuit design.
• Significant experience with antennas, antenna arrays and RF IC systems.
• Significant experience designing with both EM full-wave and RF design tools such as HFSS and ADS.
• Extensive experience with PCB layout tools such as Altium Designer.
• In-depth understanding of EM fundamentals and design at mm-wave frequencies.
• Experience in standard RF design techniques and EM simulation.
• Experience in wireless system design and architecture, system integration, and RF system analysis.
• Thorough understanding of RF passive components.
• Extensive hands-on experience with test equipment such as spectrum analyzers, vector signal analyzers, vector signal generator, network analyzers.
• Experience in Matlab, Python, C++ or equivalent tools for modeling and analyzing RF systems
• Working experience with PCB and SMD assembly manufacturing processes.

| 18 | GBSD Senior Principal RF Electrical Engineer | https://www.fox8jobs.com/jobs/gbsd-senior-principal-rf-electrical-engineer-roy-utah/242725080-2/?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic | Northrop Grumman | Roy, UT | The GBSD program is seeking a Senior Principal RF Electrical Engineer. The qualified applicant will become part of Northrop Grumman's Space System team supporting the Air Force's Ground Based Strategic Deterrent (GBSD) program, working as part of the Re-Entry System team. This position will be located in Roy, UT and will support the Ground Based Strategic Deterrent (GBSD) program. What You'll Get To Do: Duties will include evaluation of electronic designs, testing, analysis, integration, and team mentorship. Extensive technical expertise, exceptional technical communication ability, and general knowledge of related disciplines is required. The successful applicant will: Understand and apply system requirements Assist in all phases of the system lifecycle including requirements application, design, test, fabrication, and implementation Evaluate electrical hardware performance Perform model validation through test and analysis Conduct testing through all phases Maintain design documentation and follow configuration management requirements Create technical reports and present technical information

Job Qualifications: You'll Bring These Qualifications: Bachelor's in Science Degree in Electrical Engineering or a STEM(Science, Technology, Engineering, Math) discipline and 9 years of related experience, Master's in Science Degree in Electrical Engineering or a STEM(Science, Technology, Engineering, Math) discipline and 7 years of related experience; or PhD and 4 years of related experience Basic understanding of instrumentation (dish) and phased array radar systems These Qualifications Would Be Nice to Have: Experience with calculating antenna radiation and Radar-Cross-Section (RCS) patterns using basic principles and commercial software packages (e.g. XPatch, HFSS). Method-of-Moments and physical theory of diffraction techniques Parabolic dish, phased array, dipole, Yagi and other types of antennas Using CAD files and some CAD drawing experience RF circuit design and implementation Experience with RF measurement techniques including chamber testing and data analysis |

19	RF Design Engineer (TO-2B2A1)	https://us.trabajo.org/job-66-20210307-2b2a16b4efbda57663decbc7a32a8419?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	Further Enterprise Solutions	Duchesne County, UT	An RF Engineer must use creativity and sound judgment to provide the proper design and optimization of the portion of the network assigned to them. An RF Engineer also has flexibility in managing their workflow on a daily basis. They need to use their discretion on how much time to spend on a task based on the priority set by management. An RF Engineer must have the ability to interface with cross-functional team members to gain the support required to accomplish their assignments. Minimum Required Skills / Competencies: Must have recent LTE Design experience with competing carrier solid understanding of RF propagation principles, cellular theory, RF engineering tools and antenna theory.
20	RF Electrical Engineer New Grad-City UT	https://www.jobilize.com/amp/job/rf-electrical-engineer-new-grad-ut-salt-lake-harris-united-states?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	Harris	Salt Lake City, UT	• Determine design approaches and parameters • Perform system analysis to determine feasibility of design within time and cost constraints • Utilize modeling tools and equipment to establish operating data, conduct experimental tests, and evaluate results • Select components and equipment based on analysis of specifications and reliability • Perform simulations and present design reviews to peer engineers • Write scripts to control synthesis and build tools RF Engineering • RF/Microwave Device testing and evaluation including s-parameter, large signal load pull characterization as well as modulated signal measurements • Must have familiarity with common commercial RF design and analysis tools to design and analyze RF circuits and systems (i.e. ADS, HFSS, CST, MATLAB, etc) • Determine design approaches and parameters. Analyze electrical requirements to determine feasibility of design within time and cost constraints. Analyze equipment to establish operating data, conducts experimental tests and evaluates results Qualifications: • Bachelor's degree in Electrical Engineering, Computer Engineering, Electrical & Computer Engineering, Materials Engineering, Materials Science Engineering or related field • GPA of 3.0 or greater Preferred Skills: • Knowledge and/or experience with VHDL, MCM, HFSS, Network, Power, Analog, Antennas, Controls, ENE, RF, Photonics, Modem, EDA, DSP, MATLAB, Communication Systems or FPGA • Knowledge of and/or understanding circuit analysis and operational concepts • Familiarity with various computing environments (LINUX/Windows)
21	Satcom/RF Engineer at K4 Mobility in Remote	https://lehi-ut.geebo.com/jobs-online/view/id/820823870-satcom-rf-engineer-at-/?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	K4 Mobility	Lehi, UT	An experienced Satcom and RF Engineer who will be an expert in designing, developing, and testing radio frequency (RF) systems for integrated satellite and terrestrial networks. Requirements What we are looking for: 10 to 15 years of experience in RF Engineering at a satellite or a wireless company. Experience with antennas, modems and associated networking equipment used in satellite and wireless communication Maritime industry experience preferred with an understanding of connectivity needs of various maritime segments Experience with satellite and wireless air interface standards and protocols highly desired. BS, MS or PhD in Electrical Engineering or similar discipline. What you will be doing: Work with Technology and Product organization to develop satellite and RF related products and roadmaps that help improve the performance, reliability and cost structure of internet connectivity to

					maritime vessels Perform link budget and other analysis to characterize performance Write product specifications, test procedures and interfaces with vendors Work with internal and external resources to develop and conduct prototype testing and trials Develop quality requirements to ensure that product designs and specifications are suited for volume manufacturing, field maintenance and offer high reliability.
22	Engineering Technician (Radio Frequency & Digital)	https://saltlakecity-ut.geebo.com/jobs-online/view/id/586537258-engineering-technician-radio-frequency-/?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	L-3 Communic ations	Salt Lake City, UT	The Technician will assist Engineers in performing development, test and debug on a variety of electronic products from component level to complete systems. Will be required to read and interpret diagrams, tables, schematics, and work from written test procedures as well as engineering instructions. LI-MM1 Associates degree or certificate from an accredited two-year technical or military electronics program with specialist knowledge of electronics and mechanics and a demonstrated ability to comprehend schematics, logic drawings, wire lists, and prints. Basic electronic knowledge of RF and digital signals. Good understanding of basic Digital and RF circuitry (e.g. modulation, demodulation) and be able to read schematics. Comfortable using test equipment including RF signal generator, spectrum analyzers, power meters, power supplies, voltage meters and oscilloscopes to perform trouble shooting down to the component level.
23	Engineer		Wavetronix	Provo, UT	• The successful candidate will be mentored by a research scientist and will be part of a research team including experts in radio-frequency (RF) circuits, radar systems, signal processing, and embedded systems. • Wavetronix seeks a highly-motivated full-time research engineer with a solid background in systems engineering, algorithms, and digital signal processing. • Prototype at least one radar sensor in consultation with the research scientist. • Demonstrated mastery of digital signal processing, and system design. • Research Engineer (Radar Systems) • The radar systems engineer will research, design, and develop radar sensor prototypes to evaluate their application-specific performance. • Knowledge about microwave circuits and antenna theory is preferred. • Collaborate with RF engineers to build working prototypes of radar sensors and use simulations and measurements to comprehensively analyze the sensor performance, including comparison to current products.
24	GBSD Senior Principal RF Electrical Engineer (TO-AD2C2)		Northrop Grumman	Roy, UT	Senior Principal RF Electrical Engineer. The qualified applicant will become part of Northrop Grumman's Space System team supporting the Air Force's Ground Based Strategic Deterrent (GBSD) program, working as part of the Re-Entry System team. This position will be located in Roy, UT and will support the Ground Based Strategic Deterrent (GBSD) program. Learn more about the GBSD program here. This position requires travel up to 10% of the time. What You'll Get To Do: Duties will include evaluation of electronic designs, testing, analysis, integration, and team mentorship. Extensive technical expertise, exceptional technical communication ability, and general knowledge of related disciplines is required. The successful applicant will: Determine tasking for their self and others with minimal oversightUnderstand and apply system requirements Assist in all phases of the system lifecycle including requirements application, design, test, fabrication, and implementation Evaluate electrical hardware performance Perform model validation through test and analysis Conduct testing through all phases Maintain design documentation and follow configuration management requirements Create technical reports and present technical information Lead and mentor team members Assist in planning and scheduling activities Interface with AF Customer

					Qualifications: You'll Bring These Qualifications: Bachelor's in Science Degree in Electrical Engineering or a STEM(Science, Technology, Engineering, Math) discipline and 9 years of related experience, Master's in Science Degree in Electrical Engineering or a STEM(Science, Technology, Engineering, Math) discipline and 7 years of related experience; or PhD and 4 years of related experience Active Secret Clearance Basic understanding of instrumentation (dish) and phased array radar systems These Qualifications Would Be Nice to Have: Experience with calculating antenna radiation and Radar-Cross-Section (RCS) patterns using basic principles and commercial software packages (e.g. XPatch, HFSS).Method-of-Moments and physical theory of diffraction techniques Parabolic dish, phased array, dipole, Yagi and other types of antennas Using CAD files and some CAD drawing experience RF circuit design and implementation Experience with RF measurement techniques including chamber testing and data analysis Experience with Agile.
25	Research Engineer (Radar Systems)		Wavetronix	Provo, UT	Wavetronix seeks a highly-motivated full-time research engineer with a solid background in systems engineering, algorithms, and digital signal processing. The radar systems engineer will research, design, and develop radar sensor prototypes to evaluate their application-specific performance. This includes both system level design as well algorithm development, implementation, and optimization on real time platforms. The successful candidate will be mentored by a research scientist and will be part of a research team including experts in radio-frequency (RF) circuits, radar systems, signal processing, and embedded systems. A successful Research Engineer will accomplish the following: Within 90 Days: • Develop a deep understanding of the system level design (both RF and algorithms) of Wavetronix traffic radars. • Research new technologies (both hardware and software) relevant to radar sensors and evaluate their use for future Wavetronix products. Also, facilitate other research engineers in prototype development. Year 1: • Research, design, prototype, and evaluate radar systems that can enhance the performance of current products. • Collaborate with RF engineers to build working prototypes of radar sensors and use simulations and measurements to comprehensively analyze the sensor performance, including comparison to current products. • Prototype at least one radar sensor in consultation with the research scientist. • Enhance knowledge in RF circuits and antennas so that he/she can work more independently. Beyond Year 1: • Develop a solid foundation in algorithms, radar systems engineering as well as embedded development for radar sensors. • Become a key contributor to research team on system level design and development for future radar or other traffic sensors. Desired Experience and Competencies

					• MS in Electrical or Computer Engineering with preferably 2-3 years of relevant research experience or PhD in Electrical or Computer Engineering. Relevant experience can be in radar or communication systems. • Capable of working independently on prototype development. • High personal motivation, a strong work ethic, and high standards for personal and team results. • Demonstrated mastery of digital signal processing, and system design. • Knowledge about microwave circuits and antenna theory is preferred. • Proficiency and hands-on experience with the use of RF test equipment is preferred but not required. • Demonstrated ability to prototype and evaluate algorithms with MATLAB or Python. • Proven proficiency in and hands-on experience with programming in C or C++.
26	GBSD Senior Principal RF Electrical Engineer (TO-8D604)	https://us.trabajo.org/job-639-20210304-8d60461c02430d262dc5252a4d24d55a?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	NGC	Roy, UT	
27	RF Engineer - Salt Lake City	https://lensa.com/rf-engineer-salt-lake-city-jobs/salt-lake-city/jd/4567b3010e79c1ea1a7f6cf31fde4651?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	DISH Network	Salt Lake City, UT	DISH Wireless is building a next-gen 5G network to disrupt the wireless industry and fuel innovation in transportation, health care, education, sustainability, city management, and agriculture. DISH Wireless is looking for a RF Wireless Planning and Optimization Engineer based in their local market. Engineers will report to the local Radio Frequency Planning and Optimization Manager and work with other local cross functional teams within the market. Primary Responsibilities: • Perform RF design activities related to building the first standalone 5G broadband network in the US. • Optimize the end-to-end RF design, propagation modeling and prediction, for deployment of Macro Cell deployment. • Determine equipment and power configurations. • Work with eNB/RAN and UE teams on RF solutions including modifications to RF link budgets on a per site level basis to meet operations requirements. • Perform site candidate evaluation and selection as well as site walks. • Work with RF Management to establish design criteria, link budget and traffic analysis as needed for network design and update existing performance parameters for ongoing improvements as required. The ideal RF Wireless Design and Planning Engineer will have: • BSEE/BSCS degree and/or at least 3 years of relevant LTE RF Design working experience, and 5+ years overall wireless experience in Design/Optimization or Operations roles including RF support of Site Acquisition and site Construction teams. Related Degree and Experience will be taken into consideration in lieu of BSEE/BSCS. • Cellular/Mobile Technology proficiency in 4G/5G and NR theory and practical experience.

					• Experience with macro and small cell nominal and final RF designs including development, operations, RF KPIs, and maintenance of RF link budgets for 3GPP technologies. • Full proficiency in setting up, calibration, utilization and data processing of various LTE design and optimization equipment and software. • Working knowledge of at least two of the common industry propagation/planning tools (like Planet or Atoll) and experience with model calibrations. • Working knowledge of drive test data post-processing, map generation, frequency planning and interference matrix analysis and site database maintenance, using Windcatcher/Actix/Accuver. • Understanding of equipment co-location requirements for multiple operators and experience performing inter-modulation and other external interference analysis.
28	RF Engineer	https://jobs.justlanded.com/en/United-States_Utah/Engineering/RF-Engineer-33715632?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	Radiance Technologies	Utah	
29	Research Scientist (Radar Systems)	https://wavetronix.breezy.hr/p/850c0b1fd588-research-scientist-radar-systems?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	Wavetronix	Provo, UT	Wavetronix seeks a highly-motivated full-time research scientist with a strong experience in systems engineering, RF/microwave circuits, algorithms, and digital signal processing. The primary objective of the position is to help propose new radar sensors – focusing on system level design and prototype development – and to help assess their commercial viability. This position can be considered as an industrial equivalent to an academic professor position, where core responsibilities will include: Innovation: Research on emerging technologies and applications in the realm of radar sensors, prototype systems, submit patent applications, and analyze the commercial viability of prototypes. Teaching: Mentor other engineers, transfer knowledge through on-site seminars, lectures, and trainings. Supervise research engineer(s) in prototype development. Citizenship: Help Engineering to solve challenging issues as they arise on current products and serve on internal corporate committees. The successful candidate will work independently in a dedicated research team including experts in RF circuits, radar systems, signal processing, and embedded systems. The position includes support for participation in technical conferences or other technical development opportunities. A successful Research Scientist will accomplish the following: Within 90 Days: • Develop a deep understanding of the system level design (both RF and algorithms) of Wavetronix traffic radars. • Research new technologies (both hardware and software) relevant to radar sensors and evaluate their use for future Wavetronix products.

					Year 1: • Research, design, prototype, and evaluate radar systems that can enhance the performance of current products. • Explore future applications of radar technology and present future product ideas to the research board. • Prototype at least two radar sensors in consultation with the research board. Effectively contribute to one internal committee, be mentoring at least one research engineer, and have taught at least one company seminar or workshop on advanced technology. Beyond Year 1: • Become a key contributor to research on system level design and development for future radar or other traffic sensors. • Mentor research engineers in prototype development. • Collaborate with product development personnel to launch new application-specific sensor research projects. • Regularly teach technical seminars, use expertise to help solve technical product issues, and serve on company committees. Beyond Year 4: • Based on the number of prototypes successfully developed and their commercial success, apply for promotion to senior research scientist and eventually principal research scientist. These positions afford more autonomy, self-direction and internal funding. Desired Experience and Competencies • MS in Electrical or Computer Engineering with at least 5 years of relevant research experience or PhD in Electrical or Computer Engineering with preferably 2-3 years of relevant research experience. Relevant experience can be in radar or communication systems. • High personal motivation, a strong work ethic, and high standards for personal and team results. • Demonstrated mastery of system design, array signal processing, antenna theory, RF/microwave circuit theory and design, and system level testing. • Proven proficiency and hands-on experience with the use of RF test equipment (spectrum analyzer, network analyzer, and anechoic chamber). • Demonstrated ability to use Matlab for system level modelling and data analysis. • Proven proficiency in and Hands-on experience with programming in C or C++ on DSP and microcontroller platforms.
30	Cell Site Engineer	https://www.theladders.com/job/cell-site-engineer-verizoncommunications-west-jordan-ut_44743988?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	Verizon	West Jordan, UT	• Performing optimization, troubleshooting, and maintenance of base station equipment, RF transmitters, and Fiber network. • Testing the fiber network and integrating network hardware to bring new products on-air and improve customer experience. • Evaluating network coverage to find gaps, making recommendations to improve coverage, and helping to implement those recommendations. • Conducting routine, preventative maintenance on assigned cell sites to identify potential issues during general site inspections. • Complying with company- and industry-wide standard directives to maintain network performance and improve efficiency.

					Even better if you have: • A technical degree in Electronics or Telecommunications. • Experience troubleshooting antenna systems from transmitter to antenna using tools like a spectrum analyzer. • Expertise in PIM/VSWR/MIMO/RET including knowledge of fiber and LTE remote radio heads. • Electronics training in telecommunications, two-way radio, paging, or microwave radio. • Training in data communications, digital communications, operating systems and applications, computer support, scripting, project management, or power. • Experience with Lucent, Motorola, Nokia, Samsung, or Ericsson, base station equipment with LTE or CDMA technology. • Telecom experience such as T1, DACS, or OMP. • Experience with dark and lit fiber testing using equipment such as OTDR, fiberscope. • Computer support experience, including troubleshooting PC hardware and configurations. • Power experience such as Galaxy, Lorain, or DC distribution systems. • Willingness to travel occasionally as needed.
31	25P Microwave Systems Operator/Maintainer	https://jobs.nationalguard.com/job/153207/25p-microwave-systems-operator-maintainer/?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	Army National Guard	Lehi, UT	As a Microwave Systems Operator/Maintainer in the Army National Guard, you'll join the team that works to keep the transmittal of communication flowing through channels, so your fellow troops in the field continue to succeed. Microwave Systems Operator/Maintainers are primarily responsible for installing, operating, and maintaining microwave communications systems. They also work with associated antennas, multiplexing, and communications security equipment. Job Duties • Monitor and restore telecommunications circuits, trunk groups, and systems • Maintain circuit, link, system, and station records and reports Some Of The Skills You'll Learn • Mechanical and electrical principles • Preventive maintenance procedures • Line installation and wiring techniques • Communication security policies and procedures Helpful Skills • Interest in working with electronic equipment • Interest in problem solving
32	Electrical Engineer	https://www.linkedin.com/jobs/view/electrical-engineer-at-kbr-careers-gov-solutions-2376372325?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	KBR	Clearfield, UT	KBR is looking for an Electrical or Systems Engineer to join our team for an exciting opportunity supporting the readiness and sustainment of USAF A-10 Thunderbolt II fighter aircraft. The Electrical or Systems Engineer will provide support to the A-10 Operational Safety, Suitability and Effectiveness (OSS&E) Manager in analyzing and conducting Electromagnetic Interference (EMI) studies on the A-10 Aircraft. In addition, the Electrical or Systems Engineer will work with and train field units to test and

					troubleshoot electrical and EMI issue on aircraft utilizing an EMI tester. Finally, the Electrical or Systems Engineer will provide knowledge of EMI to the A-10 System Program Office in proposed modifications to the aircraft. This work provides capabilities for system engineering and integration, risk management, technical assessment, acquisition program management, strategy development, organization and change management, interface with operations and logistics, business analysis, mission effectiveness, and test programs. Position will be located at or near Hill AFB, Utah. Knowledge of MIL-STD 461/464 requirements, design analysis and test methods for EMI is preferred. A good working knowledge of Electromagnetic Compatibility (EMC), Operation in high level RF fields, Electromagnetic Pulse (EMP), Electrostatic Discharge (ESD), Lightning, and Hazards of Electromagnetic Radiation to Ordnance (HERO) is a plus. Become key interface on all matters related to EMI with program and customer. Requirements • Bachelor of Science Degree in Electrical or Systems Engineering from an ABET accredited Engineering School. • Knowledge of MIL-STD 461 and MIL-STD-464 requirements, design analysis and test methods for EMI. • Ability to teach field units on EMI testing procedures • Excellent written and communication skills Preferred Skills • Electrical or Systems Engineering experience directly related to USAF weapon systems and/or support equipment, reverse engineering, and test experience. • Design of test including shielding and filtering evaluations is essential. • The ability to generate clear, concise test plans, test reports, analysis reports is also essential. • A good working knowledge of Electromagnetic Compatibility (EMC), Operation in high level RF fields, Electromagnetic Pulse (EMP), Electrostatic Discharge (ESD), Lightning, and Hazards of Electromagnetic Radiation to Ordnance (HERO) is a plus. • Strong analytical skills. • Strong written and oral communication skills.
33	Electrical Engineer	https://us.jora.com/job/Electrical-Engineer-ed11837c34b8adcfff43604be6fc3ccd?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	HX5, LLC	Ogden, UT	Electrical Engineer, Journeyman Electrical Engineering Support Hill Air Force Base Ogden, Utah HX5 is an award-winning provider of engineering, research and development, and technical services to clients such as NASA and the Department of Defense. Founded in 2004, HX5 is a fast growing veteran and woman owned company with locations nationwide. HX5 is currently seeking a qualified Electrical Engineer in support of the Joint Threat Emitter (JTE) program at Hill Air Force Base. Essential Duties and Responsibilities Support product design, analysis, and testing in all areas of electro-technology applications such as analog and digital circuits and systems analysis; digital signal processing techniques and implementations; Electromagnetic Interference (EMI)/ Electromagnetic Compatibility (EMC) analysis; Power supply

				evaluation; Radiofrequency component analysis; Microcircuits (e.g., Field Programmable Gate Array (FPGA), microprocessors, memory circuits) evaluation; and, Radiation hardened electronic circuits analysis and evaluation Education and Experience • Bachelor's degree from an ABET-Accredited institution. • Must have at least three (3) years of related experience. • Must have experience with product design, analysis, and testing in all areas of electro-technology applications such as analog and digital circuits and systems analysis. • Must have experience with digital signal processing techniques and implementations.
34	Senior Hardware Design Engineer	https://www.ziprecruiter.com/c/CA-Engineering/Job/Senior-Hardware-Design-Engineer/-in-Draper,UT?jid=a917f77a21824f3b&utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	CA Engineering	Draper, UT	CA Engineering is currently seeking a Senior Hardware Design Engineer who can work in a highly cohesive team environment to develop products in the wireless communications field. Responsibilities • Conceive, research, design, develop, and test electronic hardware components and products for residential, commercial, industrial, and/or scientific use to support client requirements • Design electronic circuits and components using knowledge of electronic theory, design for manufacturability concepts, and user applications integration with an emphasis in radio frequency (RF) and power management • Create schematic designs that meet product requirements • Assist in preparing, reviewing, and verifying product layout and manufacturing build packages • Design and build manufacturing test systems to appropriately validate electrical designs in a manufacturing environment • Plan, implement and deliver comprehensive Design Verification Testing results of product designs Desired Technical Competencies • Strong understanding of RF circuit theory and implementation including antennas, impedance matching, and electromagnetics theory • Strong understanding of analog and digital circuit theory and design at the component level including transistors and microcontrollers • Knowledge of power electronics principles and circuits such as DC-DC converters and efficiency optimization • Knowledge of CAD tools such as Altium and/or LTSpice • Knowledge of serial communication protocols such as UART, I2C, etc. • Knowledge of programming languages such as C/C++ or Python • Familiarity with Linux subsystem and computer network theory Experience/Education Requirements • 8-10 years of relevant industry experience • Bachelor's degree in Electrical engineering • Master's degree in Electrical engineering with related coursework is a plus
35	Electromagnetic Interference	https://us.jora.com/job/Engineer-461c5f5331d597067ac7cce30ceb9349?utm_campaign=google_jobs_	L3Harris Technologies	Salt Lake City, UT	Responsibilities: • Perform design and test activities to achieve EMI compliance. • Apply engineering principles to investigate, analyze, plan, design, test, and evaluate L3T programs for Electromagnetic Environmental Effects (E3).

	(EMI) Engineer	apply&utm_source=google_jobs_apply&utm_medium=organic			• Create an EMI Control Plan, Test Plan, Test Procedure, Test Report and other applicable documents. • Perform required pre-test setup and calibration measurements prior to testing. • Direct EMI testing activities and participate in EMI related system and sub-system troubleshooting efforts. • Interface with other members of the program engineering team, manufacturing team and the customer as required. • Interface with external suppliers to upgrade their products for EMI compliance, when necessary. Qualifications • BS degree in a related engineering field, with 3-5 years of experience is required. • A working knowledge of electromagnetic theory, radiated and conducted emissions, signal and power coupling effects, susceptibility of systems, Electromagnetic Interference (EMI), Electromagnetic Compatibility (EMC), Electromagnetic Environmental Effects (E3), Lightning effects, EMP and HEMP. • A strong focus on designing for, and testing to MIL-STD-461, MIL-STD-464 and RTCA/DO-160 specifications. Knowledge of Commercial (FCC, CE-Mark, RTCA DO-160) and Military (UK DEF-STAN 59-41) specifications and related qualification testing is beneficial but not required. • Experience with assembling and troubleshooting EMI/EMC test setups. • Experience with EMI/EMC design techniques for wide-band, high-isolation performance, signal containment, source suppression and RF grounding. Applicable for PCBs, sub-assemblies and system-level hardware for hand-held, aircraft, ground, and shipboard systems and platforms. • Experience with EMC simulation software tools is desired. (i.e. SPICE, Ansys HFSS or other EM simulators, Keysight ADS and IBIS model development based tool sets) • Experience with common lab equipment, such as: Oscilloscopes, Spectrum Analyzers, Receivers, Signal Generators, RF amplifiers, Antennas, EMI current probes. • Experience with EMI test software, EMI shield rooms/chambers and associated maintenance
36	Senior Electrical Engineer	https://www.linkedin.com/jobs/view/senior-electrical-engineer-at-lockheed-martin-2438884651?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic	Lockheed Martin	Vineyard, UT	Lockheed Martin Procerus Technologies \(LMPT\) is a leader in the small Unmanned Aircraft System \(UAS\) field with work that encompasses all product life cycle phases from conceptual design to end of life\. LMPT is seeking a senior Electrical Engineer \(EE\) to join its growing engineering team\. The LMPT engineering team is a multi\-disciplinary group with mechanical, electrical, software and systems expertise\. The team develops new products and solutions while also supporting current products\. As an EE, you will play an integral part in expanding the LMPT portfolio of platforms and programs\.In this position, the EE will apply electrical engineering skills as a member of a team engaged in the design of tactical UAS\. This includes creating schematics, designing printed circuit boards, building and testing electrical assemblies, and transitioning designs from engineering development into production\. The EE will work closely with mechanical engineers to design UAS subsystems such as antennas and wiring harnesses, software engineers to support functional and

| | | | | | | processing requirements, and system engineers to ensuring the electrical hardware is successfully integrated into the overall product\.
The EE will contribute to quality and reliability in our products by participating in peer reviews and by thoroughly documenting all work\.
The EE will support our production team by working with technicians and vendors to ensure product quality and troubleshoot issues\.The successful candidate will demonstrate a strong understanding of analog and digital electrical theory, experience designing and analyzing circuits, familiarity with circuit test and measurement equipment, experience with a variety of circuit fabrication techniques, and enthusiasm for doing a job well and delivering an excellent product\.Occasional travel may be required\.
• Basic Qualifications:
• \- Strong analytical skills\- Complete understanding of both analog and digital circuit design principles\- Circuit design and board layout experience\- Extensive laboratory experience using common engineering tools including logic analyzers, oscilloscopes, power supplies, function generators, digital multi\-meters, and other support equipment\- Demonstrated ability to collaborate in a team environment\- Strong written, communication, and presentation skills\- Proficiency in MS Office Products
• Desired Skills:
• \- Experience using Altium for circuit design and board layout\- Desire to assume ownership of tasks and drive to closure quickly and efficiently\- Experience with configuration management tool\(s\) such as Enterprise Product Data Management \(EPDM\)\- Experience with development and execution of test plans\- Experience programming with C/C\+\+, Python, and/or Qt\- Familiarity with Arduino and/or Raspberry Pi\- Experience with small UAS or RC aircraft\- Experience soldering through hole and surface mount components\- Bachelors degree from an accredited college in a related discipline with 5 years professional experience; or 3 years of professional experience with a related Masters degree\.
Electrical Engineering degree\(s\) preferred\. |