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# Example of Analysis Engineer Job Description

Our innovative and growing company is looking to fill the role of analysis engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for analysis engineer

* Peer reviewing of other analysts work products, including efforts at other corporate business locations
* Under general supervision with limited review, this position is responsible for determining and developing effective approaches for resolving a wide range of difficult engineering problems
* Assignments are normally outlined in terms of overall objectives and anticipated results
* Work is reviewed at milestones or at completion for adequacy in meeting objectives
* May coordinate segments of a specific project and may have frequent inter- organization and customer contact on difficult technical issues
* Provides direction to design or technical staff and may provide direction to less experienced professional staff
* Develop constructive simulations and analyses of airborne electronic warfare and ISR concepts of operation (CONOPS) using tools such as AFSim, ESAMS, and Brawler
* Provide analysis to corroborate, verify, and/or validate mission model results
* Analyze customer mission requirements and generate airborne electronic warfare functional requirements based on models and simulations
* Maintain awareness of evolving national security challenges and threats which drive change and innovation in Electronic Surveillance (ES), Electro-Optical Surveillance, Electronic Attack (EA), and related technology

## Qualifications for analysis engineer

* Extensive experience in AES, XPS, RBS, APT, FIB
* BS degree in Mechanical, Chemical or Aerospace Engineering from an accredited engineering school and ten (10) years of thermal analysis experience, or a MS degree from an accredited engineering school and eight (8) years of thermal analysis experience, or PhD from an accredited engineering school and four (4) years of related experience
* BS degree in Mechanical, Chemical or Aerospace Engineering from an accredited engineering school and five (5) years of thermal analysis experience, or a MS degree from an accredited engineering school and four (4) years of thermal analysis experience, or PhD from an accredited engineering school and zero (0) years of related experience
* Chemistry lab experience is a plus
* Direct hands on experience with Maxim products is a plus
* Sample cross-sectioning skills are a plus