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# Example of Engineer Systems Architect Job Description

Our company is searching for experienced candidates for the position of engineer systems architect. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for engineer systems architect

* Advanced degree in EE or Physics (Ph.D
* Working knowledge of basic signal processing techniques, especially interpolation of sampled signals
* Familiarity with commercial packages such as HFSS, MicroStripes, and/or CST desirable
* Bachelor’s degree plus 10 years’ experience or Master’s degree plus 8 years’ experience or if someone has no degree, then it requires 14 years’ experience
* Experience should include work with logical, physical, functional, operational, and technical architectures of large and complex information systems
* Experience should include project management/ implementation

## Qualifications for engineer systems architect

* Candidates must have experience working in an integrated team environment with other systems, software and specialty engineers to develop solutions using engineering processes and methods
* The successful candidate must also have a solid understanding of networking concepts and how to architect a geographically distributed system utilizing communication networks while maintaining a secure posture
* Experience in ballistic missile defense or air defense operations is highly desired
* Experience with BMDS systems
* Familiarity with the C2BMC system and the missile defense domain or any other Integrated Air and Missile Defense (IAMD) systems is desirable
* MS with 8 years of experience/ BS with 10 years of experience