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# Example of Principal Security Architect Job Description

Our company is looking for a principal security architect. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for principal security architect

* Planning security systems by evaluating cloud and security technologies
* Evaluate, recommend, and provide technical leadership for the implementation of security measures to protect information systems, networks, and data
* Contribute security expertise to discussions and planning for overall IT architecture for the University, ensuring security is a foundational concept
* Provide security domain expertise and leadership for distributed campus IT security managers
* Primary responsibility for designing and implementing a security analytics program
* Future responsibilities will likely include supervision of team members
* Gaining an understanding of our Current State and Target State Architecture and then working to define a strategy for our technical direction
* Develop Security Architecture for highly scalable and fault-tolerant networks and environments that adhere to expected standards and discipline from a security posture
* Work directly with project development teams to enable successful project implementation applying the recommended security tools, technologies and techniques
* Firewalls and contextually aware firewalls (NGFW)

## Qualifications for principal security architect

* The ideal candidate has experience working with automation script languages such as Puppet, Chef, Cloud Formation
* The ideal candidate is heavily involved in the security community and specific third party groups such as CSA
* A successful track record and at least 10 years of experience in technology and information security
* At least 3 years of experience being responsible for reviewing, recommending, implementing, and supporting security solutions
* Previous senior advisory role in medium- to large- enterprise Information Technology organization
* Demonstrated knowledge of recognized security industry standards and leading practices (e.g., PCI, OWASP, NIST CSF)