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# Example of Network Automation Job Description

Our growing company is searching for experienced candidates for the position of network automation. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for network automation

* Diagnose and resolve complex network problems and improve network monitoring and alerting
* Develop complex security, monitoring, and management solutions for program specific needs
* Collaborate with and provide technical leadership to Office of Information Technology (OIT) IT staff and University departments for designing, architecting and deploying tools for the automation of network services
* Develop strategies, identify requirements and define specifications for automation systems
* Manage complex projects and provide technical leadership for all automation projects involving networking and monitoring
* Provide advanced technical programming guidance for developing network automation solutions based on best practices and a model driven approach
* Design and architect solutions in collaboration with DevOps and systems and storage teams
* Design and develop reusable software modules to help customers build network services
* Research emerging networking and automation trends and provide recommendations for future expansion and improvements to networking and monitoring systems
* Plan strategic portfolio to increase sales margin and make customer relationship stronger

## Qualifications for network automation

* 2 years’ experience with public cloud (AWS, Azure) implementations and connectivity
* 1 year of experience with building implementation or frameworks leveraging SDN and NFV
* You are interested in working autonomously and owning your own code from requirements to launch and for supporting it in the field
* Deep knowledge of IP Networking, datacenter network technologies, packet forwarding architectures and
* Knowledge of controller based networks both in data centers and the wide area network
* Knowledge of Python, JavaScript and UI frameworks