Senior Queue Administrator

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Company: Microsoft

Location: Mountain View

Category: computer-and-mathematical

Overview

Microsoft Silicon Cloud Hardware Infrastructure Engineering (SCHIE) is the team behind Microsoft's expanding Cloud Infrastructure and responsible for powering Microsoft's "Intelligent Cloud" mission. SCHIE delivers the core infrastructure and foundational technologies for Microsoft's over 200 online businesses including Bing, MSN, Office 365, Xbox Live, Skype, OneDrive and the Microsoft Azure platform globally with our server and data center infrastructure, security and compliance, operations, globalization, and manageability solutions. Our focus is on smart growth, high efficiency, and delivering a trusted experience to customers and partners worldwide and we are looking for passionate, high energy engineers to help achieve that mission.

We are looking for a **Senior Queue Administrato** r to join a growing Information Systems and Technology (IS&T) team embedded within Microsoft's Silicon engineering team. The Linux Administrator will be part of a dynamic UNIX administration team. This Linux administrator will have primary responsibilities overseeing our Linux-based high-performance compute scheduling systems working with engineers and systems administration to optimize these high-performance compute systems. Come and be part of a team which deeply collaborates with silicon engineers to fulfill a unified vision.

Microsoft's mission is to empower every person and every organization on the planet to achieve more. As employees we come together with a growth mindset, innovate to empower others, and collaborate to realize our shared goals. Each day we build on our values of respect, integrity, and accountability to create a culture of inclusion where everyone can thrive

at work and beyond.

Qualifications

Required Qualifications:

· Bachelor's Degree in Computer Science or related technical field AND 2+ years technical engineering experience with coding in languages including, but not limited to, C, C++, C#, Java, JavaScript, or Python

o OR equivalent experience.

2+ years of Linux Systems Administration Experience.

2+ years of system automation experience using some scripting language such as Shell, Perl, or Python.

2+ years of experience with job scheduler management tools such as LSF, Altair or Slurm.

Other Requirements:

Ability to meet Microsoft, customer and/or government security screening requirements are required for this role. These requirements include but are not limited to the following specialized security screenings: Microsoft Cloud Background Check:

This position will be required to pass the Microsoft Cloud Background Check upon hire/transfer and every two years thereafter.

Preferred Qualifications:

2+ Years' Experience programming in Tcl.

Experience in networking, systems administration, automation, and monitoring.

Understanding of Electronic Design Automation (EDA) concepts.

Software Engineering IC3 - The typical base pay range for this role across the U.S. is USD $94,300 - $182,600 per year. There is a different range applicable to specific work locations, within the San Francisco Bay area and New York City metropolitan area, and the base pay range for this role in those locations is USD $120,900 - $198,600 per year.

Certain roles may be eligible for benefits and other compensation. Find additional benefits and pay information here:

Microsoft will accept applications for the role until May 2nd, 2024

Responsibilities

Administer several high-performance compute schedulers.Support engineers using running jobs via these schedulers.Generate reports on scheduler utilization.Automate administration of UNIX systems including job schedulers.General Linux systems administration

Embody our and

Benefits/perks listed below may vary depending on the nature of your employment with Microsoft and the country where you work.Industry leading healthcareEducational resourcesDiscounts on products and servicesSavings and investmentsMaternity and paternity leaveGenerous time awayGiving programsOpportunities to network and connect

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