



Example of Computer Hardware Engineer Job Description

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Our growing company is searching for experienced candidates for the position of computer hardware engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for computer hardware engineer

- Develop a deep understanding of the state-of-the-art in HPC / AI domains and work with our customers and partner
- Become a recognized expert on HPC /AI applications and deliver compelling training to our customers and partners
- Become a thought leader on HPC / AI application
- Build processes and procedures for the HPC /AI solutions
- Prove of concept design/test and provide optimized benchmarks on HPC/AI related applications in timely advance
- Optimize BIOS settings
- Provide on-site deployment service and customer acceptance verification and post level-1&2 support
- Draft and maintain technical documentations including technical notes, blog, drawing or diagram
- Develop, review and understand the HPC roadmap to be able to plan future software and hardware upgrades and refresh cycles to maintain outstanding HPC infrastructure
- Work with the Product Management and Engineering to ensure a good flow of customer feedback that can be incorporated into future products

Qualifications for computer hardware engineer

- Proficiency in using Integrated Development Environments

- Ability to debug live systems, isolating errors to software, hardware, or network components
- Ability to update existing software, applying the latest emerging technologies and programming languages
- Active Secret Clearance and ability to obtain TS clearance
- C++, Java, Python, XML, SQL, Kotlin, Bash, Swift