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# Example of Compiler Engineer Job Description

Our growing company is searching for experienced candidates for the position of compiler engineer. 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 compiler engineer

* Build projects around your innovative ideas
* Design, implementation and maintenance of the compiler for existing and future graphics hardware
* With a global team of engineers design, implement, optimize, debug, test and deliver product-level compiler tools
* Ensure the compiler exceeds the needs of our developers
* Engage with the open source community for our mutual benefit
* Interact with our QA team to ensure the quality of the compiler
* Work with documentation team to create user documentation
* Support game developer on all toolchain related matters
* Deliver performance improvements to our products using JIT compilation techniques
* Implement compiler optimizations

## Qualifications for compiler engineer

* At least 6 months of demonstrated C/C++ programming experience in an industry or academic setting is required, as is familiarity with other compiled or scripted languages
* MS degree from a fully accredited institution, in Computer Science, Computer Engineering, or other closely related science/engineering field of study
* Familiarity with Windows, Linux, and/or OS X is desirable
* Course, project or real world experience with compiler construction or other system software development, especially with software development tools
* Good knowledge/understanding of computer/system architecture
* BS in Computer Science or Computer Engineering (MS or PhD strongly preferred)