Example of Software Design Job Description

Powered by www.VelvetJobs.com

Our innovative and growing company is searching for experienced candidates for the position of software design. 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 software design

- Conceptualize, architect and design highly scalable and modular software that can both execute on dedicated embedded hardware platforms and virtual machine environments
- Collaborate with internal stakeholders, clients and other analysts in creating functional specifications
- Collaborate with Software Development team to determine back end requirements
- Define scope of product enhancement requests
- Make decisions around creative UI design, while adhering to company standards
- Author specifications for both general and client-specific reports
- Facilitate discovery sessions with internal stakeholders
- Manage the integration process with outside data providers (custodians, banks,), including obtaining files and definitions
- Participate in the software testing process, including test case writing
- Participate in the review of peers' work

Qualifications for software design

- College Graduate – BS in EE or CS
- You hold a BSc or MSc in Embedded Systems, Computer Science, Informatics, Mechatronics, Mathematics, Physics, Engineering or comparable

- Experience with Unix/Linux, Solaris, Python and software configuration management (ClearCase)
- Experience in working in (agile) team environment
- At least 3 years' of experience in software development, preferably related to complex systems in the high tech, automotive, aerospace sector or comparable