Software Development – Web Applications (2 Positions)

Software Tool Development – Disk Drive Interaction & Software Tools

Western Digital is looking for candidates to participate in the architecture and development of software utilities/tools that are used to help develop, validate and support Western Digital disk drives. Tools are developed for a wide variety of OS environments including: Linux, Windows, DOS and Mac OS. Applications range from user interactive tools all the way down to driver development. You will work with internal customers to develop new applications and significantly enhance existing software utilities. These applications can range from supporting Western Digital’s integration of advanced features into new drive products to providing support at our major OEMs. Must be able to interface with other groups to define and develop new tools and enhance existing software applications.

Responsibilities include the following:
- Understand and analyze drive firmware features
- Create console and GUI applications
- Develop, use, and release internal libraries
- Work independently and in small teams
- Ability to maintain and develop multiple projects simultaneously
- Adhere to established engineering methodologies through the use of version control software and issue tracking database

Requirements:
- BS or MS degree in CS, CE.
- Strong development skills (C++, Java) with object oriented design/programming
- Experience developing in DOS, Windows, and/or Linux
- Strong debugging and troubleshooting skills
- Excellent written and verbal communication skills.
- Knowledge of disk drive interface and command protocol (SATA/SAS/SCSI) is desirable

Web and Database Development – Software Tools

Western Digital is looking for candidates to participate in the architecture and development of web based applications that are used internally at Western Digital. These applications support the development of hard drives and its surrounding processes. Technical leadership for developing database-driven applications in a Windows server environment required. We need a self-sufficient software engineer with the ability to prioritize and work on multiple projects simultaneously. This includes a desire to see a project through from conception to sustaining. As such, the ability to work independently and in a small group is important. Candidates must also be able to interface with other groups within the company to define and develop new tools and enhance existing software applications.

Responsibilities include the following:
- Ability to take customer requirements and transform them into a web application solution
- Ability to write fast and efficient code that translates into good user experiences
- Adhere to established coding, development, and release methodologies
- Experience creating easy-to-use graphical user interfaces (GUIs)
• Focus on project oriented goals
• Provide improvement solutions that will enhance and expand upon existing systems
• Willingness to take feedback

Requirements:
• Strong programming skills (C++, C#, Java) with object oriented coding experience
• Strong understanding of server-side programming (ASP, C#.NET, HTML, XML)
• Strong debugging and troubleshooting skills
• Ability to work with client-side web development (AJAX, Javascript, JQuery)
• Database schema design and complex SQL required (Oracle skills and stored procedures preferred)
• Basic understanding of source version control is important; experience with Subversion preferred
• Extensive knowledge of Windows XP systems and Windows 2003 Servers.
• Excellent written and verbal communication skills
• BS or MS degree in CS. CE, if significantly focused on software development