Allenberg Cotton Co. TITLE: Software Engineer **DEPARTMENT: Systems Development** LOCATION: <u>Cordova</u> FLSA: Exempt TITLE OF IMMEDIATE SUPERVISOR: Director of Information Technology Overall Purpose and Objective of Position This position would be responsible for analyzing, architecting and developing software solutions for an international agricultural commodity trading firm. Primary Responsibilities/Essential Functions Creation of software utilizing Windows Forms Development and Web Development incorporating the technologies listed below. Obtains details about project objectives for complex software applications from the Project Leader/Manager or other senior members of the project team; performs initial analysis/evaluation of existing in-house/legacy system(s); reviews the technologies currently in place and examines previous implementations to gain an understanding of required functionality and interfaces. Assists the technical leader on a project team, assists with the design of end-to-end architecture of component-based, services-oriented applications; assists the project team in the design of core business components utilizing industry-accepted object-oriented analysis and design standards; performs programming functions based on specifications provided; Performs testing while in development and debugging of code prior to submitting for user acceptance testing. Performs enhancement and repair of existing software as needed. Perform all duties as required. **Education/Professional Certifications/Licenses** Four year college degree, preferably in Computer Science. Formal training/certification in VB6.NET, C#.NET, Microsoft SQL, IIS or other Microsoft technologies preferred. Experience Minimum of three years of software development experience with the required technologies listed below or other Web technologies. Experience in large project development, development lifecycles, and development methodologies. Knowledge/Skills/Abilities (including any physical demands) Microsoft Visual Basic 6 development experience. Solid understanding of Web Server development (HTML, XML, ASP.NET, VB Script, Java Script, and Web Services) preferred. Proven GUI development skills VB6.NET, C#.NET and graphics design packages such as PhotoShop. Strong working knowledge of Microsoft SQL, SQL Server Reporting Services, SQL Server

- Integration Services, and SQL Data Transformation Services.
- Understanding of issues impacting scalability and reliability.
- Strong knowledge of database structure and design.
- Preferred skills, but not required: Internet Information Server (IIS), SQL Server, SQL Server Analysis Services, Windows Server, VB.Net, VB6, XSLT, CSS
- Strong interpersonal skills and effective verbal and written communication skills.
- Ability to analyze and resolve day-to-day problems, manage multiple concurrent tasks and shifting priorities, interact with technical and user personnel and ability to work with little supervision on assigned tasks.
- Strong attention to detail.

Equipment Used

Typical office equipment

Working Conditions

- Busy multi-tasking environment with shifting priorities.
- Dynamic development environment.
- Potential high stress situations during system crisis.

Employee Supervision

Directly supervises no other employees, however, assists the Senior Software Engineer to translate system specifications into specific units of work for more junior staff.

Decision Making/Accountability

Utilizes creativity and specialized knowledge to design/develop computer programs, procedures and strategies. Exercises judgment and knowledge of company systems to arrive at most efficient solutions to problems. Provides recommendations on development methodologies and frameworks for projects. Assists with the evaluation and analysis of existing or proposed system enhancement and hardware/software purchases.

The Company provides equal employment opportunities to all without regard to race, color, religion, national origin, ancestry, sex, sexual orientation, marital status, age veteran status or disability.