

# Systems Analyst / Programmer

## **PURPOSE**

Wyffels Hybrids is seeking a Programmer Analyst to work under the direct supervision of the IT Director and alongside a team of programmers to support our IT infrastructure, and create/maintain database-centric client/server web applications.

## **DIMENSION/FUNCTION**

A Programmer Analyst at Wyffels Hybrids provides professional analytical, problem solving, and project planning to maintain and improve business applications, systems, and service effectiveness utilized by all parts of the company. Activities require interaction with application development software, Microsoft Windows Apache Server environments, and IBM Mainframe / DB2 relational databases to create, maintain, and modernize applications.

This position requires an ability to perform independent analysis, communication, pseudo coding/wireframing, coding, configuration, and debugging. Programmers will assist in evaluation, recommendation, and implementation of new applications to improve efficiency, practicality, and reliability of business applications.

## **ESSENTIAL DUTIES AND RESPONSIBILITIES**

This list of duties and responsibilities is not all-inclusive and may be expanded to include other duties and responsibilities, as management may deem necessary from time to time.

1. Maintain existing applications and reporting according to changing requirements, user needs, and/or best practices; translate request from users into pseudocode, then logical steps, and finally into executable applications running in our production environment.
2. Design, implement, and maintain business related applications and SQL databases using a variety of Rapid Application Development (RAD) technologies, tools, and languages, including DB2 SQL, Java, JavaScript, HTML, and RPG.
3. Prioritize user request and application errors; simultaneously and logically correct errors based on urgency and/or sequential order.
4. Evaluate user requests for new or existing program changes to determine feasibility, cost benefit, and compatibility with current systems.
5. Debug and troubleshoot program errors and deploy working solutions in a in a timely manner.
6. Provide technical assistance to users for new, existing, or changing application functionality; communicate appropriately to affected users.
7. Assist with installation of hardware, software, cabling and other related equipment regarding our current systems.
8. Maintain the hardware and software maintenance agreements related to our current data processing systems; assist in keeping current with any rotation of necessary equipment.

**QUALIFICATIONS**

Requires a Bachelor’s Degree from a 4-year college or technical institute in a computer science related field and 2+ years’ experience in computer programming (5+ years’ experience preferred).

**KNOWLEDGE, SKILLS, AND ABILITIES REQUIRED**

1. Experience with systems analysis and design, relational database concepts, and client/server web application development
2. Experience with Microsoft Window and/or IBM iSeries server environments
3. Experience with IBM DB2 or other relational databases
4. Basic database administration and normalization skill sets
5. Knowledge of Rapid Application Development methodologies
6. Ability to work independently and collaboratively in a team environment
7. Communication skills required to work with users to gather requirements and turn them into new or modified applications
8. Ability to comprehend and follow verbal and written technical instructions
9. Detail oriented, with the ability to prioritize and manage tasks and coordinate multiple projects to meet deadlines
10. Ability to clearly document application changes, functionality, and technical procedures to be interpreted by other programmers and users along with the ability to present such documentation to employees, vendors, and company leadership.
11. In-depth knowledge of computers and other office equipment.

**PHYSICAL REQUIREMENTS:**

Type of Activity	Description of activity or where activity is performed	Frequency
Sitting	At desk	Frequently
Talking/Hearing	Voice communication with customer & co-workers	Daily
Typing/Writing	Type & enter data into computer, complete paper work and forms, take notes, send electronic mail	Daily

**WORK ENVIRONMENT**

Location of work will be in an office within a cubical adjacent to IT Manager located in Geneseo, IL. Travel will be limited but could include random meetings within our sales market area or to our production facility in Atkinson, IL. Workshops, and conferences are also possibilities depending on the employee needs. Overnight requirements will be extremely limited. Obligations of this position may occur after hours due to unexpected outages, faults, or fatal errors endured to any of our systems.