January 8, 2015

Software Engineer, Partnership for Ag Resource Management

New part-time software engineer position available with an independent non-profit organization working to improve sustainability in agriculture and communities through Integrated Pest Management (IPM) and other best practices.

The software engineer will support the project team in improving and facilitating nutrient management and conservation planning in the Great Lakes Basin. Specifically, the software engineer will create an electronic interface that collects data from major ag retailer companies and generates estimates of reductions in phosphorus losses from fields.

The ideal candidate will possess an interest in creating long-term technological solutions to environmental problems. Candidate will need to work with personnel from major ag retailers to agree on how to obtain data. The software engineer will report to the software director.

Ideal candidates will possess:

- Ability to work independently,
- Excellent verbal and written communication skills,
- Experience or knowledge writing software for web based, client/server applications,
- Knowledge of and experience with database management systems,
- Experience programming C# or other similar languages,
- Experience with SQL Server,
- Experience with Visual Studio, and
- Ability to work with mathematical algorithms.

Flexible work schedule in a casual office. Office is located in downtown Madison, on bus routes. Interested candidates should submit a resume and cover letter detailing qualifications for the position to the address below or to info@ipminstitute.org. Applications will be held in confidence. The position will remain open until filled.