



**Want to
earn \$600
a week
over the
summer?**

Paid Internship Opportunity: Software Developer

Michigan State University (MSU), a member of the Kualu Foundation, is looking for participants interested in learning Kualu software; specifically, Kualu Rice, Kualu Coeus and Kualu Financial Systems. Primary responsibilities for each intern is to gain the skills needed to develop, enhance and maintain Kualu applications for the MSU community. Potential employment opportunities are available following successful completion of the internship.

Internship Description

A 12-week summer internship divided into two phases. During phase I of the internship participants will attend training to learn Core Java, Java Enterprise (JDBC, Servlets, JSP, JTA, JPA), Spring Framework, Struts Framework, PL/SQL, and ORM. Phase I training will include hands on labs and competency evaluations.

Phase II will involve a rigorous week-long intensive training on Kualu Rice workflow applications. The internship and all training will be held on the East Lansing campus of Michigan State University.

Upon completion of Phase I and II training, participants will be expected to apply what they have learned by:

- Performing technical and analytic functions in the implementation or maintenance of complex integrated system projects;
- Prepare technical specifications for systems, interfaces and/or services;
- Analyze business functions of integrated systems;
- Design and develop business solutions in Enterprise Java platform;
- Resolve technical issues through debugging, research, and investigation.

Participants Will Learn

Phase I:

- Java
- Enterprise Java
- XML
- XSD
- Spring
- Struts
- PL/SQL
- ORM

Phase II:

- What Kualu Rice is and how to customize the software.
- Structure of Kualu Rice code and database tables.
- How to build and deploy Kualu Rice in a development environment.
- The different modules that make up Kualu Rice (KNS, KEW, KSB, and KIM) and how to leverage Kualu Rice APIs.
- How to create Maintenance and Transactional Documents.
- Different deployment models of Kualu Rice.
- How to create client applications using the Kualu Rice framework.

SEE OTHER SIDE FOR MORE INFORMATION AND APPLICATION INSTRUCTIONS.



MICHIGAN STATE UNIVERSITY

Minimum Requirements

- Prior work with Java, C++, or Object Oriented Programming;
- The ability to learn new programming languages quickly and easily;
- The ability to organize time to work effectively;
- The ability to work both independently and within a group dynamic;
- Requires the ability to handle export controlled data; therefore the candidate must either be a U.S Citizen or must have obtained Permanent Residency.

About Kuali (kuali.org)

Kuali is a collaborative effort to develop financial, research, and student administrative computing systems specifically designed to meet the needs of higher education.

- Kuali Rice is an enterprise class middleware suite of integrated products that serve as the backbone of all Kuali applications.
- Kuali Coeus: enables research administrators and investigators to manage all aspects of grant proposal development and submission from the desktop.
- Kuali Financial System is a comprehensive suite of financial software.

Desired Qualifications

- Experience in designing and developing complex business solutions using Enterprise Java and related technologies Spring, Struts, ORM, XML, RDBMS, PL/SQL;
- Excellent interpersonal and communication skills (both verbal and written);
- Excellent analytical and organizational skills;
- Flexible and adaptable in learning and understanding new technologies;

Details

The position begins May 12 and ends August 15, 2014. Participants are expected to work 40 hours a week and will be paid up to \$15/hour depending on current skills and experience.

Applications

Applications will be received until all 20 internships are filled. For full consideration apply before April 30, 2014. To apply, please email a cover letter and resume outlining your current skills and experience related to software development to train@msu.edu.



SEE OTHER SIDE FOR DETAILS ON THE INTERNSHIP.