



# Wildcat JobLink

Edwin J Skidmore | Friday, April 24, 2009 | 2:58 pm

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## Student Web Developer

**Employer:** University of Arizona (BIO5 Institute)

**Division:** BIO5 Institute

**Title:** Student Web Developer

**Description:** The iPlant Collaborative (iPlant) is a fast-paced, NSF-funded project to develop an advanced cyberinfrastructure to facilitate the solutions of grand challenge problems in plant sciences. iPlant has an opening for a student web developer. The selected individual must be highly motivated and willing to learn new technologies. Graduate and undergraduate students are welcome to apply.

### Duties and Responsibilities

- \* Designing and implementing extensions for Joomla Content Management System and other web applications according to the schedule and specifications by iPlant staff
- \* Developing user interface prototypes for new features; implement dynamic user interfaces using Mootools, JQuery, or other javascript library as specified by iPlant staff
- \* Helping create test plans for Joomla extensions and other web applications; working with Core Infrastructure support staff to resolve issues encountered during testing
- \* Writing technical documentation, such as use cases and design specifications
- \* Performing code reviews with iPlant Staff
- \* Evaluating open source web applications; recommend integration points between existing and potential software systems; implementing systems integration
- \* Responding to technical support requests as necessary
- \* Designing or reconstructing database schemas; producing Entity Relationship (ER) diagrams; implementing conceptual database designs in MySQL, Postgresql, or Oracle

**Location:**

**Location**

**City**

Tucson

**State**

Arizona

**Country**

### Application Status

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### Important Dates

**Posted On:**

Apr 14, 2009

**Applications Accepted Until:**

Jun 01, 2009

### Contact Information

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United States
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**Position Type:** Summer

**Salary Level:** \$14-\$19/hr DOE

**Job Function:** Computer & Statistics Related, Science or Research Related

**Desired Start Date:** May 18, 2009

**Approximate Hours Per Week:** Up to 40 hours/week

**Qualifications:**

- \* Must have 2 years of web development experience
- \* Must have demonstrated experience with developing dynamic web applications in PHP
- \* Must have experience and strong understanding of XHTML/HTML, CSS, and web standards
- \* Must have an excellent understanding of usability and user interface design
- \* Experience with using javascript libraries, such as MooTools or jQuery, is preferred
- \* Experience with writing extensions to Joomla or other open source web applications is preferred
- \* Experience using open source development tools, such as Eclipse, Subversion, and Trac, is preferred
- \* Excellent communication skills
- \* Excellent problem solving skills
- \* Must be able to prioritize tasks and work with minimal supervision
- \* Must have an excellent customer service attitude
- \* Experience with deploying web applications within a UNIX environment is preferred

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