Adjunct Instructor, Web Programming  
IU School of Informatics and Computing, IUPUI - Indianapolis, IN

The Indiana University School of Informatics and Computing at IUPUI seeks an adjunct instructor for a graduate-level courses in Web Programming for the new MS in Data Analytics program, beginning fall 2016.

Duties include the following:

- Prepare and deliver lectures over a 15-week period on web programming fundamentals as outlined in the syllabus to meet course objectives
- Administer and grade assessments of student learning outcomes, such as assignments, projects and exams
- Encourage student progress and retention, informing the department chair of any concerns, while maintaining a welcoming and inclusive learning environment

This course will teach the critical thinking skills needed for students to design and work with web-based information systems. Their design will be taught with a problem-solving approach emphasizes how to look at a problem as something that can be solved computationally. The ideas of this approach will be achieved by implementing the designs in a structured programming language: covering basic programming control structures, web user interfaces and object-oriented design. The information system applications will typically include examples of transaction processing, data display applications, business information systems and e-commerce. A broader context of programming will also be described in the role of programming languages in information technology organizations. The course will include a combination of lectures, class exercises, programming exercises, homework assignments, projects, and exams. The programming environments and languages taught can include: Javascript (Node.JS), PHP/Java or others. An example of weekly schedule, including exam and assignment due dates, is available here: [http://scholarwiki.indiana.edu/S517/S517.html](http://scholarwiki.indiana.edu/S517/S517.html)

Salary is competitive and based on qualifications. Please forward resumes and questions to informhr at iupui.edu

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Job Type: Contract

Local candidates only:

- Indianapolis, IN 46202

Required experience:

- 5-10 years of industry experience in web programming
- Strong organizational, motivational, and communication skills
- Experience in training and leading teams and junior people is preferred

Required education:

- Master's degree