

Visiting Project Programmer/Technical Consultant

Department of Curriculum and Instruction
College of Education
University of Illinois at Urbana-Champaign

The Department of Curriculum and Instruction in the College of Education is seeking a Visiting Project Programmer/Technical Consultant. This is a full-time, one-year visiting position with the possibility of renewal. This position will report to the Project Director.

Responsibilities:

- Refine and extend mathematical testing and training programs for kindergarten to grade 3 children in the form of computer-based games;
- Devise new testing and training programs and integrate them into the existing programs;
- Provide advice about the purchase of hardware, software, and computer accessories (e.g., handheld touch screens, touch screen accessories, computer security equipment);
- Refine the interface to minimize human error and maximize efficient use of the testing and training programs;
- Set up and maintain the computing stations in a handful of local schools;
- Install revised or new programs on the school-based computers;
- Download the testing and training data on a daily basis or as needed;
- Refine and devise data retrieval and analysis programs.

Qualifications:

The following qualifications are highly desirable:

- a B.S. in mathematics and computer science or the equivalent;
- a course on current elementary mathematics instructional methods, mathematical teaching and learning, or the equivalent;
- at least 2 years experience programming educational testing/training games using *Torque Game Builder* (a commercial game engine), C++ computer language, and the Qt graphics platform;
- familiarity with broad knowledge of computer operations and accessories;
- good interpersonal skills including the ability to carefully listen to others' suggestions;
- an organized and responsible work ethic (including the ability to meet deadlines);
- a flexible schedule.

Salary: Commensurate with experience.

Application Procedures: In order to ensure full consideration, applications must be submitted by November 13, 2009. To apply, please complete a candidate profile at <http://jobs.illinois.edu> and submit a letter of application, resume, and names and contact information of at least 3 references. Applications may be reviewed before the closing date; however, no hiring decisions will be made until after that date.

Starting Date: November 23, 2009

For additional information about the position, please contact: Project Director, Dr. Arthur J. Barody
Phone: 217- 333-4791 or barody@illinois.edu.

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