NOW HIRING: JAVA Instructor

The UW GenOM Project and the eScience Institute are seeking (1) **Java Instructor** for nine weeks starting **June 22, 2015 and ending August 19, 2015**. The purpose of this position is to provide leadership in computer programming classroom instruction and curriculum design to prepare rising high school seniors for careers in the growing fields of Big Data and Data Science.

The curriculum focuses on learning Java programming, and will help students be competitive applicants to the University of Washington in STEM fields, and for scholarships for college.

**Position Dimension and Impact to the University:**
- This position supports improved computer programming skills of pre-college students who will ideally be eligible for various diversity and academic programs within STEM fields.
- This position will directly impact the University of Washington’s mission to increase diversity, particularly to increase the numbers of underrepresented minority and women students graduating with STEM degrees.
- This position may also contribute to general student supervision during program activities, and/or contribute to additional STEM related workshops outside of the mathematics classroom and course work.

**Duties & Responsibilities:**

*Classroom Instruction and Management – 70%*
- The instructors will lead a Java programming workshop
- Facilitate academic workshops for 6 students.
- This position will require 1.5 hours of daily instructional activities and 3 hours daily of preparation, evaluation and grading time.

*Student Evaluation and Curriculum Design – 25 %*
- The instructor will oversee skills evaluation of the 6 rising high school seniors. The instructor will also design and structure curriculum and daily lesson plans accordingly.
- The instructor will design testing tools, guidelines, and goals for the observation of student progress; may use existing models and templates.
- The instructor will supervise grading and solicit program staff for observation of student progress.
- Independent time for grading and curriculum design.

*Other – 5%*
- Other duties as assigned.

**Qualifications:**
- B.S. or M.S. in a STEM field or...be undergraduate seniors/5\textsuperscript{th} year students who have been a teaching assistant for CSE 142/143.
- Must be proficient in Java, and be familiar with UW problem solving teaching methodologies. Educational background in math and/or computer science is preferred.
- Would prefer 2 years of previous teaching experience, ideally at the college freshman level.
- Experience with and understanding of the challenges faced by underrepresented minority and female students in STEM fields

**Compensation:**
- Hourly wage based upon experience and qualifications

Please send a cover letter and resume to Gregory Diggs at diggsyng@uw.edu by the end of the day on Monday, May 18, 2015.