Master of Science in Technology Innovation, offered by UW Global Innovation Exchange
Opening for: Reader/Grader – TECHIN (515) - Spring 2021

The interdisciplinary degree program, Master of Science in Technology Innovation (MSTI)- is looking for excellent reader/grader with an interest in innovation to support our courses at its state of the art facility in Bellevue, Washington. https://gixnetwork.org/

We are seeking a reader/grader to support this upcoming Spring Quarter course, *TECHIN 515, Hardware/Software Lab 2*. This is a four-credit lab course in which students will develop an understanding of hardware and software applications of sensors, and connect devices to cloud-based services with front end development through mobile and/or web apps particularly for mobile health (mHealth) applications. The course will meet 1 day per week for 4 hours per hybrid session (due to COVID-19) during Spring Quarter 2021.   Responsibilities may include some or all of the following duties: conduct lab section meetings, prepare and grade assignments, prepare test questions, maintain grading records, prepare and maintain course records, calculate quarter grades, request student assessments for course, attend lectures, hold regular office hours, tutor students, manage and respond to course-related e-mail, prepare and maintain Canvas site for course materials, develop and maintain online communications, discussion sites, etc., attend weekly instructor meetings, act as liaison between student and instructor, prepare and present lecture materials, prepare handout materials, review literature, place course materials on library reserve, facilitate discussions, hold extra review sessions for exams, obtain room for review sessions, request or acquire necessary equipment, and manage/reconcile student budgets.

Requirements
- Demonstrated experience and familiarity with sensors, embedded systems, and cloud-based services
- Experience with UW Canvas Learning Management System
- At least one of:
    - Experience with embedded systems and databases
    - Experience with machine learning, preferably PyTorch or TensorFlow
    - Experience with Azure or AWS

Preferred Qualifications
- Enjoy tutoring students and helping students to excel in any of the following areas: Internet of Things (IoT), design, computer science, engineering, ideation, human robot interaction, hardware and/or software development, robotics
- Android Studio, React Native, python, C, or C++
- Experience in working with international students
- Excellent communication, technology, and design skills

Salary is based on UW payscales.

The University of Washington is an affirmative action, equal opportunity employer. Women, minorities, individuals with disabilities and covered veterans are encouraged to apply.

To apply: Please include a cover letter describing your skills and experiences relevant to position. Attach a current resume or link to your portfolio, whichever best demonstrates your skillset. Send applications to: Dr. John Raiti, jraiti@uw.edu