



WPI

ROBERT A. FOISIE
SCHOOL OF BUSINESS

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Walker Magnetics Group Inc.
60 Solferino St
Worcester, MA 01604
(800) 962-4638

Walker Magnetics is an industry leader in designing and manufacturing a variety of permanent, electromagnetic, and electro-permanent magnet products. Our lifting magnetics can use for handling pipes, slabs, coils, rails, radio active material and several other applications. We deliver our product line to over 190 countries worldwide.



Walker Magnetics Group (WGM) has the best controls in the industry and we are working on a project to connect them to the intendant. We will want to develop an app for display of data like duty cycles. This is an on-going project where both technical and marketing insights are necessary. This objective is to provide information to the customers to enhance his/her operation

The company needs 4 engineers to work as a team consisting of a mixture of graduate & undergraduate students, to work about 10 hours each week. Most of the work may be done on campus after an initial meeting at the company. Weekly reports and a summary presentation are required at the end of the project.

Engineering majors – development of process to monitor fatigue and duty cycles

Computer Science– Develop app to monitor duty cycles of the equipment

WPI Center for Innovative Manufacturing Solutions www.wpi.edu/+centerforIMS



The project timeline begins in September and should be completed before November 30, 2016. Students will be selected by a brief interview process with the company and should have the following qualifications.

You should be able to describe why you would be a good match for this paid consulting assignment.

IE/MGE/ME/ PH Students:

1. Interest in the Project
2. Engineering Acuity
3. Basic Research and Organizational Skills
4. Ability to do Internet, Phone, and other basic Searches
5. Knowledge of basic duty and fatigue cycles.
6. Presentation Skills
7. Availability Minimum 10 Hrs./Week

CS/MIS Students:

1. Interest in Project
2. Customer Interaction Skills
3. App Configuration Skills
4. Basic Research and Organizational Skills
5. Ability to do Internet, Phone, and other basic Searches
6. Presentation Skills
7. Availability Minimum 10 Hrs./Week

You will work in a team with the goal of providing actionable advice to the company.

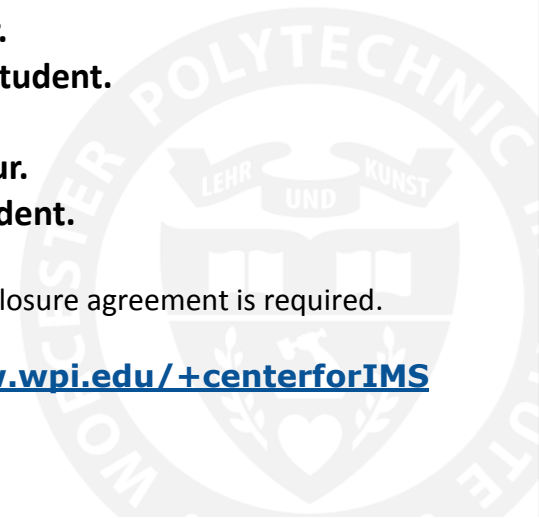
If you are interested please email mic-admin@wpi.edu and include a letter explaining why you are a good candidate for one of these positions.

Undergraduates earn \$14 to \$18/hour.
Initial estimate is 50 hours of work for each student.

Graduate/PhDs earn \$18 to \$22 per hour.
Initial estimate is for 50 hours for each student.

This opportunity is open to all academically qualified students. A non-disclosure agreement is required.

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