



WPI

ROBERT A. FOISIE
SCHOOL OF BUSINESS

innovate@wpi.edu



Kinefac Corporation
156 Goddard Memorial Drive
Worcester, MA 01603

Kinefac is an innovative world leader in the development and manufacture of specialized metal forming, metal working, and metal processing equipment. Throughout its 55 year history in Worcester, Kinefac has extended its metal forming technology from its roots in cylindrical die rolling to extrusion, coiling, turning, and other radial forming processes. Kinefac has been built on a cohesive team of engineers, designers, assemblers, and supporting staff committed to establishing world-wide leadership in its various technology markets.



The selection of Kinefac equipment which meets the needs of a particular customer application is based on engineering evaluations which include calculations, rules of thumb experience, and a decision making tree. DPQ—"Design Price Quote" describes a time-saving system that captures intellectual knowledge of its technology and applications group, drives the calculations, and automates the entire selection process providing the basis for supplying competitive quotes and optimal cost-effective solutions to its customers.

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.

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Engineering majors- Compile calculations based on designs and experience to DPQ.

Computer Science development of internal DPQ app/program, to allow sales representatives to configure quotes quicker.

The project timeline begins in February and should be completed before mid-April 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.

ME/MFE/MGE/IE major 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 Manufacturing Processes
6. Presentation Skills
7. Availability Minimum 10 Hrs./Week

CS/MIS major Students:

1. Interest in Project
2. Customer Interaction Skills
3. Knowledge of App/Program Configuration
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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Walter Towner PhD MBA

Assistant Teaching Professor
Foisie School of Business
Worcester Polytechnic Institute
100 Institute Road
Worcester, MA 01609-2280, USA

**Director, WPI Center for Innovative
Manufacturing Solutions**

www.wpi.edu/+centerforIMS

Phone: 508-831-6013
Cell: 508-944-3862
Washburn Shops 222
fabman@wpi.edu

Torbjorn Bergstrom

Operations Manager
Manufacturing Laboratories
Worcester Polytechnic Institute
100 Institute Road
Worcester, MA 01609-2280, USA

**Director, WPI Center for Innovative
Manufacturing Solutions**

www.wpi.edu/+centerforIMS

Phone: 508-831-5122
Cell: 508-208-3024
Washburn Shops 107
torbjorn@wpi.edu



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