



## **Software Engineering Intern/Co-Op: Product Internationalization**

### **Location: Albuquerque, NM; Cincinnati, OH; Metro Detroit, MI**

Comet Solutions, Inc. provides software-based engineering solutions used by product development workgroups within manufacturing companies worldwide to make better conceptual design decisions, complete multi-disciplinary design evaluations rapidly by automating time-consuming simulation processes. Within Comet's Performance Engineering Workspace, engineering analysts capture simulation knowledge, processes and models (i.e. engineering intent) in templates which enable simulation experts to work more effectively and also enables non-experts to run complex simulation studies starting earlier in the product design process.

### **Job Description**

The Comet Solutions Software R&D Group is seeking a 20 hour per week intern or Co-Op student for up to six months in order to help internationalize Comet Multi-Physics, our flagship product, for use in the Asia/Pacific and European markets. The successful candidate will be responsible for using C++ and the Qt framework to implement infrastructure and tools to be used by language experts for translating the Comet software from English to other languages.

This opportunity will provide exposure to a large C++ code base, real world experience in a small geographically distributed development team, and potential for subsequent full-time employment with a rapidly expanding global software company.

### **Requirements**

- Pursuing a B.S. or M.S. in computer science, engineering, math, physics, or related field.
- Self-starter with the ability to learn new technologies with minimal guidance.
- Working knowledge of C++ as demonstrated through successful completion of class projects, open-source software development, or similar. A code sample will be required.
- Familiarity with basic object-oriented design and analysis.
- Knowledge of, or ability to rapidly learn, a scripting language such as Python, Ruby, or Perl. Python is preferred.
- Knowledge of Qt, XML, and Unicode are huge pluses.

To apply please send a resume and brief cover letter to [jobs@cometsolutions.com](mailto:jobs@cometsolutions.com).