



Third Wave Systems, Inc

Job Description

Computational Mechanics Engineer

Third Wave Systems, a leading provider of metal cutting process analysis software and services to automotive, aerospace and cutting tool industries, has immediate openings for **Computational Mechanics Engineers**. As a member of a development team candidate's responsibilities include development of finite element formulations for, and analysis of, metal cutting processes. Ideal candidates would have expertise in the areas of explicit, implicit, direct and iterative solution methodologies; thermo-mechanical coupled analysis, large deformation analysis, adaptive mesh generation, deformable contact, parallel computing, plasticity, and materials science or metallurgy. The position requires an MS or Ph.D. degree in Mechanical Engineering or related field (knowledge of metal cutting processes a plus) and experience with programming languages (C, C++, OpenMP, MPI, Fortran 95/90/77), course work or industrial experience with CAE tools (particularly finite element analysis). CAD/CAM tools (Unigraphics, Catia, Pro-Engineer) a plus.

send resumes and unofficial graduate academic transcripts to

khiringmgr@yahoo.com or
TWS/ HR Dept.
PO Box 390313
Minneapolis, MN 55439
No Phone calls

Indicate "Computational Mechanics Engineer" in the email subject title.

Please visit our web site at www.thirdwavesys.com.