Job Title: Post-doctoral Fellow  
Department: Mechanical Engineering  
Institution: Georgia Institute of Technology  
Expected Starting Date: August 1st, 2016  
Duration: minimum 1 year

A Post-doctoral Fellow position in the area of Big Data analytics in design and manufacturing is available at the School of Mechanical Engineering, Georgia Institute of Technology in Atlanta, Georgia, USA. The primary aim of this research position is to develop predictive analytics approaches for product and process design in manufacturing. Key technical tasks of this position will include the development and implementation of scalable machine learning and reasoning tools that directly benefit manufacturing industry. The post-doctoral fellow will also have the training opportunities to publish scientific papers, mentor graduate and undergraduate students, manage research projects, and interact with government and industry sponsors. Highly motivated candidates with knowledge and hands-on programming skills related to CAD/CAM/CAE, geometric modeling and processing, statistical analysis, and additive manufacturing are strongly encouraged to apply.

Candidates must have a Ph.D. degree in mechanical engineering, manufacturing engineering, systems engineering, or a related engineering field by the starting date of this position, with good English skill and a demonstrated ability to write technical articles in English. Qualified applicants should send a cover letter with a brief description of career goal and motivation of the post-doctoral training, CV, 2-3 representative publications, and contact information of three referees to Prof. Yan Wang by e-mail: yan.wang@me.gatech.edu.