

**A Postdoctoral Position at Nanyang Technological University (NTU) in Singapore in the area of Data-Driven Computational Mechanics**

**Description**

- (1) Machine learning enhanced computational mechanics for modelling and simulation of advanced materials;
- (2) Supervision of undergraduate/postgraduate students.

**Job requirements**

- (1) PhD degree in Mechanical/Computer/Material Science or related fields;
- (2) Strong background in computational physics or solid/fluid mechanics, machine learning, and modeling of materials;
- (3) Analytical and independent problem solving skill, and ability to develop theoretical models and implement numerical computation;
- (4) Experience in developing source codes (Python and/or Fortran), and in use with (V)UMAT for software package ABAQUS, as well as SCIKIT-LEARN, TENSORFLOW;
- (5) Good in English communication and technical writing.

**To apply**

Please send your CV to [lihua@ntu.edu.sg](mailto:lihua@ntu.edu.sg)

**Contact**

Hua LI (Associate Professor)

School of Mechanical & Aerospace Engineering, NTU, Singapore 639798

E-mail: [lihua@ntu.edu.sg](mailto:lihua@ntu.edu.sg)

Tel: (+65) 6790 4953

<http://www.ntu.edu.sg/home/LiHua/>

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