



TECHNISCHE UNIVERSITÄT
BERGAKADEMIE FREIBERG

Die Ressourcenuniversität. Seit 1765.



Micro-Mechanics &
Multiscale Materials Modeling

Technische Universität Freiberg
Institut für Mechanik und Fluidodynamik
Professur für Mikromechanische Materialmodellierung

WHK Positions in C++/Python Programming

In the group “Micromechanical Materials Modeling” at the Institute of Mechanics and Fluid Dynamics we offer several WHK (“Hiwi”) positions dealing with code development and thorough testing. The successful applicant has sound programming skills with C++ and Python. The work is in parts related to research, but also shall support the development of lectures and exercises in courses of the international Master program Computational Materials Science (CMS) at the TUBA Freiberg.

Students with proven skills and experience in coding are kindly invited and strongly encouraged to apply.

Summary:

Required Qualifications

- Sound programming skills and experience with C++ and Python.
- Independent working style.
- Ready to learn something new.

What we offer

- Hands-on working experience with modern (in-house) simulation codes and programming concepts in computational materials science.
- Contact with cutting-edge research projects.
- Opportunity to work on large computer clusters/supercomputers.
- Option for PPP or master thesis.
- Flexible working hours.

Contract duration

- 3 months + X.

Work time

- Flexible, on appointment.

Required documents

- CV
- latest transcripts (pdf files) via Email.

Applications to: Prof. Bernhard Eidel, bernhard.eidel@imfd.tu-freiberg.de

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