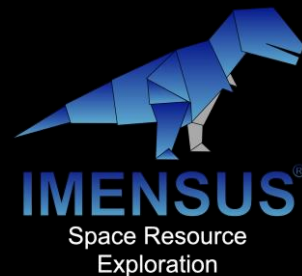


# Space Mining Start-Up Needs Research Assistant!



IMENSUS aims to become the pioneering geoscientific service provider on the Moon!

We are IMENSUS UG (limited liability), a two-year-old R&D start-up specializing in lunar mining. Currently, we are seeking a **Research Assistant** to aid in the development of seismic simulation software. Our goal is to create and validate geophysical modeling software, which will undergo testing in a regolith simulant test basin. This software will play a crucial role in determining optimal parameters for our lunar seismic system. Additionally, it will serve to showcase the capabilities of our system and services to potential investors and clients.

## Your tasks:

- ✓ Evaluation of existing geophysical software for modeling seismic wave propagation in (anisotropic) elastic media.
- ✓ Reprogramming, adaptation, and partial reprogramming of software for modeling seismic wave propagation in (anisotropic) elastic media.
- ✓ Data generation using this software based on various geological models.

## You bring:

- ✓ An interest in the topic and motivation to investigate it.
- ✓ Bachelor's degree in geophysics (or a similar field).
- ✓ Good programming skills and experience with Python, MATLAB, or similar languages.
- ✓ Experience in numerical modeling.
- ✓ Strong English language proficiency.

## What you will get:

- ✓ Collaboration and insights on extraordinary, exciting research questions.
- ✓ 25 hours per month. Payment according to CAU rates (€14/h).
- ✓ Contract for 3 1/2 months (15. May - August 2024).
- ✓ 100% remote work

## Captured your interest?

If you find this exciting opportunity appealing and wish to learn more, do not hesitate to contact us. With you, we can shape the future of lunar mining! Feel free to send any questions and your informal application (Applications will be accepted until May 5, 2024.) with CV to:

**Email:** [contact@imensusresources.com](mailto:contact@imensusresources.com)

**Website:** [www.imensuresources.com](http://www.imensuresources.com)

