

Nils Dahlhaus

Expertise

Geophysics, Numerical Simulation, Visual Basic and Python Programming

Education

*Master of Science (Geosciences / Geophysics), 2021
Institute of Geology, Mineralogy & Geophysics
Ruhr-Universität Bochum*

*Bachelor of Science (Geosciences), 2017
Institute of Geology, Mineralogy & Geophysics
Ruhr-Universität Bochum*

Professional Experience

2021 – Present

*ITASCA Consultants GmbH, Gelsenkirchen
Project Engineer*

Project Experience

2021- Present

VBA programming for a repository project in Germany

2021- Present

Modelling, calibration, and evaluation of possible repository models in Germany

2021- Present

Development of a workflow to create open pit models and stability analyses.

2021

Creation of meshes and modelling for a cave mining project

Short Bio

Nils Dahlhaus received his master's degree in geosciences with a focus on geophysics from the Ruhr University in Bochum.

As part of a research project, he investigated the behavior of intermediate-strength rocks during indentation under elevated confining pressure for his master's thesis.

In July 2021, he started working at Itasca Consultants GmbH in Gelsenkirchen, first as a student assistant and since October 2021 as full-time project staff. Areas in which he is involved include the creation of geological models, developing of software solutions and the administration of the local IT.