



We hire Virtual Reality Developer and/or Virtual Reality Team



Place of work: Naters and homeoffice
Start date: 1st November 2020 or to be discussed

More information on
[UniDistance.ch/jobs](https://uni-distance.ch/jobs)

For more than 25 years, the Swiss Distance University Institute has been offering part-time Bachelor's and Master's degrees as well as continuing education courses mainly taught online. The institute has 11 professorships, 4 faculties, fifty staff members and more than 300 lecturers.

Over 2000 students study in French, German or English. Online studies offer the ideal solution for anyone wishing to combine studies, work, family and free time.

The institute meets the highest quality standards in the areas of teaching and research. It is currently in the process of setting up its own academic chairs with their own staff and financial resources endowment.

The Swiss Distance University Institute is seeking a virtual reality developer (programmer and designer) and/or a virtual reality team to work on the following National Research Project: "Using virtual reality to learn about inaccessible micro- and macrocosmic structures in primary school".

This is a joint project between our Institute and the FHNW and Bern University of Teacher Education.

We are looking for a: **Virtual Reality Developer and/or Virtual Reality Team**

You will be responsible for creating a virtual reality environment as well as a PC based simulation including interactive elements. The virtual reality environment will represent the water cycle, with macro- and micro-structures and processes, including states of aggregation and the associated particle model. The environment will be used in primary schools (with 11-12 year-old children) in order to help 11 to 12 year olds learn about science.

Your main responsibilities

- Programming virtual simulations (e.g., with Unity, Unreal Engine, etc.)
- Developing 3D content (3DS Max/Maya/Blender modeling, etc.)
- Assuming a specialized leadership role

Your skills

- Minimum of 3 years' experience programming simulations and scenarios for delivery on both PCs and VR Headsets
- Skills to communicate in an interdisciplinary team
- An excellent oral and written command of English or German is a prerequisite

We are offering

- Work in an interdisciplinary research team
- Innovation in education
- Collaboration on innovative research



Please e-mail your complete application **by 30th. September 2020**, to Isabelle Gauchat, HR Manager:
personal@fernuni.ch.

Please contact Prof. Corinna Martarelli:
corinna.martarelli@fernuni.ch for further information.

