

Software Engineer/C++ Developer (f/m/d) for a Cloud-based Decision Support System in Climate Change Adaptation

VRVis, the well-known research institute for Visual Computing, is looking for a skilled and creative mind!

We offer an open-ended position for an experienced C++ developer (f/m/d) who will **support the back-end development of Visdom's cloud-based setup**. Visdom is VRVis' simulation software solution for decision support in climate change adaptation and disaster management.

You will join our [Integrated Simulations](#) R&D-team of highly motivated researchers and software engineers who enjoy finding innovative solutions in a constructive and friendly atmosphere. Your main responsibilities will be:



Your job

- Be in charge of the real-time back-end of our software solution [Visdom](#)
First year: Add support for collaborative access for many users
- Support us in maintaining the Visdom development environment and releases
- Develop Visdom's algorithms for processing geo-spatial data

Your background

- Very good skills and practical experience with programming in C++
- Experienced with developing custom server solutions based on http and WebSocket protocols
- Knowledge about system setups with CMake

Our offer

- Permanent position, preferably full-time, up to 40 hours (negotiable), starting asap
- Flexible working hours, home office option, well-equipped workplace
- Offering equal opportunities as recognized by "equalitA", the Austrian Gender Equality Seal of Approval
- Contributing to climate change adaptation, e.g., by improving heavy rain and flood hazard maps in collaboration with domain experts and end users
- Location: Vienna / Austria, with easy access to the office by means of public transport (U1 subway stop VIC)
- Supportive atmosphere in an inclusive team
- Option to do a PhD in collaboration with our key researcher from Vienna, University of Technology
- Salary according to collective labor agreement ([IT-Kollektivvertrag](#)) with overpay depending on qualification and previous professional experience

Under Austrian law, we are obliged to state the minimum salary for the position, which is 39.956 EUR yearly gross for full-time employment. As such, it is only the baseline for negotiations.

Applications are always welcome

We especially would like to invite female candidates to apply!

Selection will take place on a rolling basis. Please forward your application documents to:

Contact

Franziska Steyer-Beerman (HR)
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