Virtual Reality Developer

The Geographic Information Visualization and Analysis (GIVA) group at the Department of Geography at the University of Zurich is looking for a part time developer interested in 3D computer graphics content creation and interaction design for a state-of-the-art, stereo-scopic, 3-wall virtual reality system. The successful applicant with excellent Python skills is expected to develop:

- aesthetically expressive virtual worlds
- user interaction and navigation mechanisms
- logging scripts of user behavior
- automated procedures and protocols for user testing and empirical evaluations

Prior experience with WorldViz Vizard, ESRI ArcScene/CityEngine, or similar would be an asset.

You are not required to have an advanced academic degree for this position. We are looking for documented, advanced skills in programming/handling 3D content. You are self-motivated and enjoy working independently on visualization projects involving geographic data and virtual reality. A background in Geoinformatics/Geographic Information Science, Computer Science/Human-Computer Interaction, or similar is a plus. You have a good standard of written and spoken English and working knowledge of German, whilst not required, would be an advantage.

The position, housed in the GIScience Center of the UZH Geography Department, will start in May 2015, or as soon as possible thereafter. The search will continue until the position is filled. For more background information about the GIVA group please visit us on the Web at http://www.geo.uzh.ch/giva/aboutus/ or direct any informal enquiries about the position to the address below.

Apply electronically to: Dr. Arzu Çöltekin, Geographic Information Visualization & Analysis, Department of Geography, University of Zurich, Winterthurerstr. 190 CH-8057 Zurich, Switzerland, Email: arzu.coltekin@geo.uzh.ch (subject: VR programmer position), tel: +41-44-635-5440, fax: +41-44-635-6848. Please include a brief motivation letter, your CV, transcripts and names/contact information of at least two references, as well as other supporting documentation (e.g., coding examples) you find appropriate. Review of applications will begin immediately, and will continue until the position is filled.