

Researcher in Virtual Reality, Augmented Reality, and Simulation- Based Learning and Teaching

Description

We are seeking a highly skilled and motivated researcher to conduct research in the fields of Learning Engineering and technology-enhanced learning. The main focus should be on supporting learning and teaching through cutting-edge educational technologies such as Virtual Reality (VR), Augmented Reality (AR), and Simulations.

The candidate should have prior experience in the design, development, and evaluation of simulation-based learning, educational technologies, and data analytics. The candidate should have a proven track record of publishing research in reputable journals (e.g Computers and Education, BJET, JCSSL, etc.) and important conferences such as EC-TEL, LAK, ICALT, CSCL.

Responsibilities

- Conduct research in Education technologies focussed on VR, AR, and simulation-based learning and teaching.
- Design and develop simulations for educational purposes
- Evaluate the effectiveness of simulation-based learning in various educational contexts
- Publish research in reputable journals and present findings at important conferences
- Collaborate with other researchers and educators to advance the field of simulation-based learning and teaching

Qualifications

- PhD degree in a relevant field (e.g., Education, Computer Science, Human-Computer Interaction)
- Strong background in VR, AR, and simulation-based learning and teaching
- Strong experience in using and implementing research methodologies of Technology Enhanced Learning like Design-based Research, and Participatory Design
- Proven track record of publishing research in reputable journals and presenting at important conferences
- Experience in the design, development, and evaluation of simulation-based learning
- Excellent written and verbal English communication skills
- Ability to work independently and in a team environment
- Strong analytical and problem-solving skills
- Experience with programming languages commonly used in VR/AR development (e.g., Unity, Unreal Engine)
- Experience in data analytics and visualization
- Experience in data processing using data value chain

Hiring organization

Ammachi Labs

Employment Type

Full-time

Job Location

Ammachilabs, Amritapuri

Date posted

June 12, 2024

If you meet the above requirements and are interested in this exciting research opportunity, please submit your CV, cover letter, and a list of your publications for consideration at careers@ammachilabs.org.