



The Fundació Bosch i Gimpera was created in 1983 as a knowledge, technology and innovation transfer center of the University of Barcelona (UB). As its own means, it is in charge of innovation, promotion, valorization, transfer of results and management of contracts, agreements and projects of the UB and needs to incorporate:

"AI Postdoc-Content Moderation VR"

Background

A project on helping people overcome stress during observation of images and videos started at the University of Barcelona in September 2023 for 1 year, funded by Google.

The grant involves three Principal Investigators, one of whom is Mel Slater, Director of the Event Lab (www.event-lab.org). The Event Lab is an internationally known research lab in the field of virtual reality, and also addresses interdisciplinary problems in psychology and neuroscience using virtual reality. Please see publications on <http://publicationslist.org/melslater>.

We are looking for 1 candidate with a strong background in computer graphics and virtual reality more generally mixed reality, and another on generative AI who will work in a team of neuroscientists and psychologists to investigate issues concerned with mitigating the effects of viewing possibly harmful online material

Functions:

Key Requirements

The appointee researcher will be responsible for developing interactive generative AI that interface with Computer graphics/VR/AR/XR programs that are the basis of experimental studies with human participants.

The appointed person will be involved in all aspects of the design, development and implementation of these programs, experimental studies, the collection of data, and writing scientific papers.

The appointed person will work closely with others on the interdisciplinary team.

Availability required ideally for November 2023.

Applications should be sent by email to melslater@ub.edu by no later than: 22nd October 2023.

Salary will be according to experience.

Applications should include a motivation letter and CV, and only PDF files will be accepted. Names, position and emails of two referees should be included in the motivation letter.

Emails that do not have the subject header as: "AI Postdoc- Content Moderation VR" may not be seen.

Profile:

Skills/Qualifications

*The successful candidate will have a PhD in a computer science subject that includes substantial AI. Equivalent qualifications such as demonstrated experience will also be considered.

*The successful candidate will have a computer science background and strong experience of AI including generative AI.

*Previous examples of interfacing generative AI with interactive graphics programs will be an advanced.

Competencies:

Skills/Qualifications

*Autonomy and ability to think out of the box.

*Capable of writing maintainable and well-structured code.

*Successful applicants will have an excellent command of English, and at least one of Catalan/Spanish.

We offer:

- Permanent contract
- Weekly schedule: 37'5
- Salari Brut Mensual: En funció de l'experiència i les aptituds del candidat/a.

Reserve:

Reserved for personnel with disabilities, in accordance with the provisions of Article 59 of the Legislative RD 5/2015, of October 30, passing the revised text of the Law of the Basic Statute of Public Employee.

Equality of opportunities:

In accordance with the measures set forth in the Fundació Bosch i Gimpera Equality Plan, we incorporate the gender perspective in the selection process to guarantee equal opportunities, neutrality, transparency and avoid prejudice and discrimination based on gender.

Additional information:

- Project Director: Slater, Melvyn
- Project Number: 312352

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