

Requirement for Research Associate /Project Scientist 1 for EHRC

Research Associate/Project Scientist 1 (Non-Medical) for ICMR-funded project at EHRC, IITB

Position Overview:

We are seeking a highly motivated Research Associate to join our healthcare center specializing in applied research in Artificial Intelligence (AI) for an ICMR-funded project. The ideal candidate will have a strong foundation in programming, image processing, machine learning, deep learning, and generative AI, with a passion for developing innovative solutions to complex problems in healthcare.

No of positions: 1

Key Responsibilities:

- Conduct applied research in AI, focusing on healthcare applications.
- Develop and implement machine learning, deep learning, and generative AI algorithms for medical image processing.
- Analyze and interpret complex medical data, including CT, MRI, genomic, and pathology data.
- Contribute to the preparation of research papers, reports, and presentations.

Required Qualifications:

- Post Graduate degree in Computer Science/Electrical Engineering or related fields.
- Proficiency in programming languages such as Python, R, or C++.
- Strong knowledge and experience in image processing, machine learning, deep learning and generative AI techniques.
- Experience with data visualization and statistical analysis.
- Experience with popular AI/ML frameworks such as TensorFlow, PyTorch, or scikit-learn.

Desirable Qualifications:

- Exposure to medical data, including CT, MRI, genomic, or pathology data.
- Publications or research experience in AI.

Skills and Competencies

- Strong analytical and problem-solving skills.
- Ability to work independently and as part of a team.
- Excellent written and verbal communication skills.
- Strong attention to detail and a commitment to producing high-quality work.

How to apply

- Please send your CV with the subject line "RA/Project scientist 1 Application 2024" to ehrc@iiitb.ac.in

Requirement for Research Associate /Project Scientist 2 for EHRC

Research Associate/Project Scientist 2 (Non-Medical) for ICMR-funded project at EHRC, IIITB

Position Overview:

We are seeking a highly skilled & motivated Research Associate to join our healthcare center specializing in applied research in Artificial Intelligence (AI) for an ICMR-funded project. The ideal candidate will have a strong foundation in programming, image processing, machine learning, deep learning, and generative AI, and demonstrated expertise in developing innovative solutions to complex problems in healthcare.

No of positions: 1

Key Responsibilities:

- Conduct applied research in AI, focusing on healthcare applications.
- Develop and implement machine learning, deep learning, and generative AI algorithms for medical image processing.
- Analyze and interpret complex medical data, including CT, MRI, genomic, and pathology data.
- Contribute to the preparation of research papers, reports, and presentations.

Required Qualifications:

- PhD in Computer Science/Electrical Engineering or a related field; or Postgraduate degree in these fields with at least 3 years of relevant experience.
- Proficiency in programming languages such as Python, R, or C++.
- Strong knowledge and demonstrated experience in image processing, machine learning, deep learning and generative AI techniques.
- Experience with data visualization and statistical analysis.
- Experience with popular AI/ML frameworks such as TensorFlow, PyTorch, or scikit-learn.

Desirable Qualifications:

- Exposure to medical data, including CT, MRI, genomic, or pathology data.
- Publications or research experience in AI.

Skills and Competencies

- Strong analytical and problem-solving skills.
- Ability to work independently and as part of a team.
- Excellent written and verbal communication skills.
- Strong attention to detail and a commitment to producing high-quality work.

How to apply

- Please send your CV with the subject line "RA/Project scientist 2 Application 2024" to ehrc@iiitb.ac.in