

Research Associate

Job title

Research Associate on Explainable AI for Forecasting Emerging Global Threats (Non-Student Research Personnel under the CARE union)

Posting period

June 4, 2025, to June 14, 2025.

Supervisor

Dr. Khashayar Khorasani, Department of Electrical and Computer Engineering

Position

Responsible for planning, managing, and overseeing multi-disciplinary research programs, with the potential to compose, lead, and conduct research as an independent investigator or as a co-investigator within a faculty member's program.

Primary responsibilities

- Develop collaborations and partnerships with research user groups to help shape research directions and ensure effective research transfer.
- Develop inter-disciplinary, inter-institutional, and inter-sectoral research collaborations.
- Troubleshoot problems at all stages of program development and implementation and modify protocol or program.
- Participate with a team in the development and authoring of research protocols.
- Conduct quantitative and qualitative program participant interviews.
- Facilitate focus group sessions with program participants.
- Coordinate and manage the delivery, verification, analysis, and reporting of data.

- Liaise between other graduate students and research personnel.
- Develop presentations and present at meetings, seminars, and conferences.
- Conduct an in-depth literature review and prepare monthly research progress report.

Requirement

- Post Doctoral degree in electrical and computer engineering, computer science or related fields.
- Minimum 2 years of research experience as a Research Associate in government-funded projects
- Strong Knowledge of AI and Machine Learning
- Experience in conducting multi-disciplinary research program such as in the fields of Cyber-physical Systems, Space and Healthcare
- Solid Knowledge and expertise in standards and best practices in Cybersecurity
- Excellent written and verbal communication skills (English essential, French an asset)
- Ability to work in a multidisciplinary team environment
- Strong organization skills, attention to detail and priority setting skills

Contract

May 1, 2025 – May 1, 2026 (1 year)

Part-time, 9 hours per week

Salary

\$20,000

How to apply

Please send your curriculum vitae by June 14, 2025, to Dr. Khorasani email at kash@ece.concordia.ca