

Job Posting

Posted on March 4, 2025

Research Associate

NOTE: 6-months full-time Research Associate

POSITION SCOPE:

Overseeing the operation of A100 server of Dr Rivaz (purchased through a CFI grant) to use by IMPACT lab at the ECE Department. Operating a Verasonics Vantage 256 ultrasound machine (purchased through a CFI grant).

PRIMARY RESPONSIBILITIES:

- Giving members of the IMPACT lab permission to use the server
- Answering deep learning questions from the lab members
- Maintaining and operating the Verasonics ultrasound machine
- Developing deep learning packages for the server

REQUIREMENTS:

- PhD degree in electrical engineering, computer science or related fields.
- Expert in AI and machine learning
- Expert in deep learning methodologies, including convolutional neural networks and transformer architectures.
- Expert in ultrasound research
- Familiarity with ultrasound and open ultrasound systems
- Knowledge of Python
- Excellent spoken and written English language skills
- Strong interpersonal and communications skills.
- Detail-oriented, with strong organizational and problem-solving skills.

Contract: May 1, 2025 – Oct 31, 2025 (6 months)

Full-time

Salary: \$25,000 for the 6-months period

Please send your curriculum vitae by April 15 to Dr. Hassan Rivaz Hassan.rivaz@concordia.ca

Concordia University is committed to Employment Equity and encourages applications from women, Aboriginal Peoples, visible minorities, ethnic minorities, and persons with disabilities.