

Job Posting

Research Associate (Non-Student Research Personnel under the CARE union)

Posting period: April 8, 2025 to April 30, 2025.

Supervisor Dr. Hassan Rivaz, Dept. of Electrical and Computer Engineering

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: June 9, 2025 – Dec 30, 2025

Full-time, 35 hours per week.

Salary: \$30 per hour

Please send your curriculum vitae by April 20 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.