

**Conavi Medical Inc.
Electrical Engineering Student
Job Description for Ryerson University**

Conavi Medical is a Toronto-based medical device company that develops image guidance technologies for use in minimally invasive procedures, with an initial focus in cardiology. The company was founded by a team of clinicians, engineers and scientists at Sunnybrook Research Institute and currently employs a multidisciplinary team of 50 people at a 12,000 square foot facility with manufacturing capability. Conavi's first technology, which is catheter-based ultrasound system capable of imaging cardiac anatomy in two and three dimensions, has been cleared by the FDA and is in the process of being commercially launched in the United States.

Conavi is recruiting one Electrical Engineering student for an 8, 12 or 16 month period beginning January 2017. The student will be responsible for assisting with a wide range of engineering activities including development, validation, manufacturing transfer and product support. The student will be assigned to the development of Conavi's second technology, which is a hybrid ultrasound and optical catheter-based system for imaging the coronary arteries. The student will be supervised by the Chief Technology Officer (PhD, Biomedical Physics) and Project Manager (PEng).

The ideal candidate is highly motivated, creative, organized and able to work independently. Desirable technical skills and interest would ideally include at least one of product design, systems design, polymers, mechanical systems, RF engineering, materials science, Quality Assurance of CAD (Solidworks). Interest or experience in medical imaging and medical devices would be an asset.

For more information, please visit our website at www.conavi.com.