Careers that change lives

Engineers and researchers are indispensable to achieving our Mission. That's why we empower you to bring the best of your experience to bear on our market-leading portfolio of innovations.

We value what makes you unique. Be a part of a company where you can do meaningful work.

Make a difference and improve lives – starting with your own.

A Day in the Life
We offer you a position where you will be tackling image processing, machine learning and deep learning challenges for clinical predictive analytics and big data solutions.

You will be developing algorithms for white light image and video quality assessment and processing and developing efficient machine learning solutions on big data clinical imagery based on deep-learning techniques.

Must Haves
- PhD in Computer Science or equivalent from university, focused on image processing and machine learning algorithms.
- Experience in machine learning / deep learning development (industry or academics)

- Strong mathematical base
- Strong grasp of machine learning principles
- Deep knowledge in image processing theory

Nice to Haves
- 1 year experience in the industry
- Experience in white light imaging related algorithms development (industry or academics)
- Experience in Python & its scientific libraries
- Experience in distributed, parallel & multi-threaded software development
- Experience in deep-learning frameworks such as TensorFlow / Theano
- Deep knowledge in computer science principles, Object oriented design

Your Answer
Is this the position you were waiting for? Then please apply directly via the apply button! Apply

About Medtronic
Together, we can change healthcare worldwide. At Medtronic, we push the limits of what technology, therapies and services can do to help alleviate pain, restore health and extend life.
We challenge ourselves and each other to make tomorrow better than yesterday. It is what makes this an exciting and rewarding place to be.
We want to accelerate and advance our ability to create meaningful innovations - but we will only succeed with the right people on our team.
Let's work together to address universal healthcare needs and improve patients' lives. Help us shape the future.

Whatever your specialty or ambitions, you can make a difference at Medtronic - both in the lives of others and your career. Join us in our commitment to take healthcare Further, Together.