CREATE (CentRE for dAta science and digiTal hEalth) at Hamilton Health Sciences (HHS)

The opportunity
CREATE is currently recruiting a Data Scientist who is passionate about applying their research expertise to solve real challenges in health care and medical research.

Our mission
In many ways, health care has lagged other industries in adopting machine learning and artificial intelligence. We are determined to change this.

Our team
CREATE has assembled a team of data scientists, data engineers and software developers focused on research and innovation to improve our healthcare system. From designing predictive models to screen patients for coronary artery disease, to developing mobile applications to allow patients access to care outside the walls of the hospital, our team is focused on impactful projects that leverage digital technologies to improve patient care.

Our data
Health care is a data rich environment. Medical images, lab results, and clinical documentation in electronic health records can all provide important insight into a patient's health and the care they receive. But HHS is also home to exciting and unique data that can extend our insights well beyond the walls of a hospital, such as the PURE study that follows over 200,000 people in 25 countries. Combined with the largest biobank in Canada and an advanced genomics and proteomics research program, these data sets provide us with opportunities to apply data science to precision medicine to advance the development of early individualized treatments.

Our partnerships
Domain expertise is essential for any data science or software development initiative, and so all CREATE's projects are built on strong partnerships with clinician scientists and innovators. These partnerships ensure we are focused on solving pressing clinical issues and that our solutions can be effectively deployed and scaled in real clinical environments.

Your passion
In addition to the core projects our team takes on, we strive to foster a creative and continuous learning environment by supporting our team members to pursue their own projects they are passionate about (for example: teaching a course, writing a blog, working on a new research project, mentoring a graduate student, developing a new product, hosting a podcast, etc). Interested team members with appropriate academic credentials can also be supported for an academic appointment or to pursue graduate studies.

How to apply
If you are interested in joining our team as a Data Scientist, please apply at:
https://hhsc.taleo.net/careersection/jobdetail.ftl?job=95270&lang=en#.Yin4nNBB9So.gmail