Data Quality Analyst Associate [8+ Month Co-op]

Phone :
Web :

Job Summary

Vacancy :
Deadline : Jul 25, 2024
Published : Jun 25, 2024
Employment Status : Full Time
Experience : Any
Salary :
Gender : Any
Career Level : Any
Qualification :

Job Description

FluidAI Medical is creating a paradigm shift in post-operative care, utilizing the plethora of data within the body, to help in the detection of post-operative complications at their onset. Our clinically validated platform sensing technology augments existing wound drains and catheters, providing healthcare providers with a smart monitoring tool that can support earlier detection of deadly complications and enhance the delivery of care.

We are an equal opportunity employer and have a diverse team representation across language, ethnicity, gender and nationality.

Why join FluidAI Medical?

• Mission to save lives and improve patient care with revolutionary technology that's already deployed on patients in real-world settings.

• Work with a high-performing and cross-functional team that is empowered to grow, learn, and contribute across all levels of the organization.

• We are a team of passionate builders and boundary-breakers that are on a singular mission to disrupt how patient care is done. We aim to succeed and perform together - as a team and as individuals.

• Gain exposure across the entire technical stack, from novel sensing technologies and proprietary hardware to mobile/web software and ML algorithms.

• Personal career-focused development and training with access to workshops, coursework, and experienced mentors/consultants.

Job Description:

This role involves analyzing the integrity of datasets from clinical studies and commercial product use; implementing signal processing and statistical algorithms to correct and augment these datasets; and creating dashboards and reporting tools to monitor evolving datasets over time.

This is an office-first role working out of our Kitchener HQ in the Medical Innovation Xchange. As such we require the candidate to be present in the office a minimum of 3 days per week and be available for a duration of 8-16 months.

Responsibilities:

• Utilize signal processing and statistical methodology to analyze healthcare datasets from sensor devices, patient vitals readings, and peri-operative reports for their data integrity.

• Develop and implement corrective algorithms that improve the quality of data fed into ML algorithms.

• Perform descriptive and inferential statistical analysis on datasets from clinical trials and commercial product use.

• Build dashboards and create reports to communicate results and to monitor datasets as they evolve.

• Document standard operating procedures to enable the wider team to implement developed workflows.

Qualifications:

• Familiarity with descriptive and inferential statistics - you should have taken an undergrad stats course at the minimum

• Experience programming in Python or R

• Ability to manipulate and analyze datasets using a framework such as Pandas, PySpark, or Polars

• Familiarity with Git

• Excellent written and verbal technical communication skills

Bonus Qualifications:

These are the skills and competencies we are looking for in an ideal candidate. If you check some but not all these boxes, please apply anyway

• You have experience working with Snowflake or Databricks

• Experience researching and implementing signal processing algorithms

• Experience building dashboards with BI tools such as Databricks, PowerBI, and Tableau

• Familiarity reading from and writing to and from databases

• An interest in human physiology, biosignal analysis, and biotechnology

If you are passionate about ensuring software excellence and driven to lead quality advancements in the healthcare industry, we would love to hear from you!

Compensation

$24.00 - $31.00 per hour

Education & Experience

Must Have

Educational Requirements

Compensation & Other Benefits