HealthQB Technologies Inc.
Data Analyst Intern

About us:

HealthQB is rapidly bringing its chronic pain assessment and patient outcome platform to market in efforts to support a variety of health professionals who provide multidimensional, in-person or tele-health services to their clients and patients during and after the pandemic. HealthQB's platform aggregates biodata from a wearable device, psychosocial-metrics and psychosocial trait assessments to deliver comprehensive and ongoing real-time assessments. The target customers are allied healthcare practitioners and their chronic or persistent pain clients. In 2019, the World Health Organization recognized chronic pain as a condition that is biological, psychological and social. HealthQB enables revolutionary insights into the biological, psychological and sociological nature of chronic or persistent pain, which is aggravated in stressful times.

HealthQB is looking for a Part-Time Data Analyst Intern (Paid) to work directly with the Lead Data Scientist to help lead the company to the next phase of product development by making sense of the vast heterogeneous data sources available. Furthermore, the intern will be in charge of developing the data analytics pipeline within the production-ready application system. The intern must have a strong programming background, as well as an interest in data analysis, signal processing and statistical modelling. The intern must be able to work independently, be proactive and have exceptional interpersonal and organizational skills.

We are looking for a data-driven, self-starting individual who will thrive in a fast-paced environment and wants to see the impact of their work. This role will be part-time (30 hours a week) and would start in May 2021. The role could potentially move to a Full-Time role in September 2021.

Responsibilities and Tasks:

- Develop, maintain and improve current pipeline and algorithms to process wearable physiological data
- Develop, maintain and improve HealthQB's statistical measures that capture user's biopsychosocial health
• Perform statistical modelling and analysis on HealthQB’s various data streams enabling a continuous improvement of HealthQB’s biopsychosocial model of health

Skill Set:

• Currently pursuing a degree (master’s or PhD preferred) in computer science or other highly quantitative field such as physics, statistics, or mathematics
• Proficient use of Python (including numpy, pandas packages)
• Experience with OOP and other software design principles
• Experience with relational databases and SQL
• Experience with signal processing and data wrangling
• Experience with statistical analysis and modelling (e.g., multivariate analysis, regression, time series)
• Experience with version control software (e.g., github) is considered an asset but not required
• Experience with other statistical programming languages (e.g., R) is considered an asset but not required

If this sounds like an exciting opportunity for you, please send your CV and cover letter to: oswald@yourhealthqb.com.

healthQb is dedicated to helping its employees grow and develop technical and soft skills in an innovative and collaborative environment. healthQb is an equal opportunity employer with an inclusive culture. We thank all applicants in advance for their interest, however only those selected for an interview will be contacted.