



## SENIOR DATA ENGINEER

Hillsdale Investment Management Inc. is a Canadian employee-owned investment boutique managing over \$2 billion for institutional and private wealth investors. We are seeking a Senior Data Engineer. As an investment firm with deep knowledge and expertise in quantitative investing, converting reliable and innovative data sources systematically into investment insights is at the heart of what we do. As a Senior Data Engineer, you will have the opportunity to provide significant technical contribution to our data architecture and infrastructure that support portfolio management decisions.

### Responsibilities:

- Ensure that our production data and databases are available to all data users and stakeholders
- Provide continuous technical improvement to our proprietary data architecture
- Incorporate new data feeds into the database from multiple data sources
- Perform rigorous data cleaning and pre-processing with an attention to detail
- Implement factor formula according to specification
- Motivated self-starter with a commitment to providing timely and accurate data

### Qualifications:

- 5-10 years of experience in designing and implementing ETL and data solutions
- Degree(s) in Computer Science, Math, Engineering, or a related discipline
- Expertise in T-SQL, relational database concepts, and the management of SQL Server databases
- Proficient in data architecture and database design
- Strong software development skills in 2 or more languages preferred: Python, R, Matlab, VB/VBA, Java, C/C++, C#, etc.
- Experience in manipulating large time-series, cross-sectional, or panel datasets
- Additional Qualifications (preferred but not required):
- Experience working with financial datasets and data vendors
- Experience in NoSQL databases (MongoDB, etc.) and Big Data implementations (Hadoop, Spark, etc.)
- Investment industry experience, CFA or related designation

**Qualified individuals are asked to forward a cover letter and resume to Val Shaw at [VShaw@hillsdaleinv.com](mailto:VShaw@hillsdaleinv.com).** We thank all applicants for their interest; however, only those selected to advance in the hiring process will be contacted. Hillsdale encourages applications from people with disabilities and will make accommodations on request. Both full-time and contract arrangements will be considered for this role.

### About the Company:

Hillsdale specializes in Canadian, U.S. and Global Equities with a focus on producing high quality investment strategies and delivering client service excellence. Since 2011 Hillsdale has sponsored the prestigious CFA Society Toronto & Hillsdale Canadian Investment Research Award, for which a winning research paper is selected annually to receive a cash prize. In 2017, Hillsdale was named one of the fastest growing money managers in its category by Benefits Canada. Hillsdale offers a unique, stimulating, entrepreneurial work environment with exceptional opportunity for professional growth, learning and success.