# Software Engineer

*Toronto, Ontario, Canada*

Snowflake started with a clear vision: develop a cloud data platform that is effective, affordable, and accessible to all data users. Snowflake developed an innovative new product with a built-for-the-cloud architecture that combines the power of data warehousing, the flexibility of big data platforms, and the elasticity of the cloud at a fraction of the cost of traditional solutions. We are now a global, world-class organization with offices in more than a dozen countries and serving many more.

Graduation is only the beginning; a fresh start, and the opportunity to make an impact with your

career. That’s why at Snowflake, we’re focused on creating a well-rounded experience for

university graduates. You’ll learn from some of the best minds in the industry and breathe life

into your projects from conception to execution, all while working on cutting edge technology.

We are here to support each other as we grow in our careers at all levels, and we’re excited to

meet you and ask: how will you make an impact?

What We Offer:

* Build an industry-leading data management system that customers love
* Solve challenging technical problems related to security, parallel and distributed systems, programming, resource management, large-scale system maintenance, and more!
* Learn about and contribute to:
* Super-robust and secure enterprise SaaS platform that services hundreds of customers and millions of complex queries daily
* Highly-scalable and reliable data processing platform that runs on hundreds and thousands of machines
* User interfaces bridging the enterprise world with the consumer experience
* Join a world-class team of both industry veterans and rising stars

What We Expect:

* Desired class level: Bachelor's, Master's, or doctorate degree completed or upcoming
* Desired majors: Computer Science, Computer Engineering, Electrical Engineering, Physics, Math, or related field
* Required coursework: algorithms, data structures, software engineering, and operating systems
* Recommended coursework: cloud computing, database systems, distributed systems
* 1+ year of experience programming in C++, Java or other computer programming languages preferred
* For full-stack positions, experience with javascript, typescript, react.js, and node.js preferred
* Bonus experience: research or publications in databases or distributed systems, and contributions to open source
* Knowledge of data structures and algorithms
* Systems programming skills including multi-threading, concurrency, etc.
* Strong problem solving and ability to learn quickly in a dynamic environment

What You Will Learn/Gain:

* How to build enterprise grade, reliable, and trustworthy software/services
* Exposure to SQL or other database technologies (e.g., Spark, Hadoop)
* Understanding of database internals, large-scale data processing, transaction processing, distributed systems, and data warehouse design
* Implementation, testing of features in query compilation, compiler design, query execution
* Experience working with cloud infrastructure, AWS, Azure, and/or Google Cloud in particular
* Learning about cutting edge database technology and research

Possible Teams/Work Focus Areas:

* Application & Collaboration Platform, Product Experience, UI Foundation & Platform, Data Applications Infrastructure, Data Marketplace
* High performance large-scale data processing
* Large-scale distributed systems
* Software-as-a-Service platform
* Software frameworks for stability and performance testing

Snowflake is growing fast, and we’re scaling our team to help enable and accelerate our growth. We are looking for people who share our values, challenge ordinary thinking, and push the pace of innovation while building a future for themselves and Snowflake.

How do you want to make your impact?