



Mechanical Engineer

Toronto, Canada

The Company

We are SpaceRyde; building Canada's first rocket to launch small satellites!

Pioneering an industry is not an easy task, but with our combination of experienced founders, high-profile investors and bright team, we have achieved many firsts. We have doubled our staff every year, and will reach space in 2022, so come join us if you'd like to work on the edge of innovation and creativity.

The Role

You will be part of the structures team and will play an important role in the design, integration and testing of mechanical components for SpaceRyde's launch vehicle and test equipment. You will be challenged daily and will need to adapt quickly to achieve tight project deadlines.

How to Apply

Email your resume and unofficial transcript to jobs@spaceryde.com

Key Responsibilities

- Support development (design, analysis) and manufacturing of mechanical components for the launch vehicle, ground support, and test infrastructure from preliminary concepts to detailed design, integration, test, and qualification.
- Work with other subsystem specialists to seamlessly integrate other components into the launch vehicle structure.
- Employ innovative methods to ensure testability, manufacturability, and low production costs of structural components.

Requirements

- Bachelor's degree in Aerospace or Mechanical engineering with 1+ year of relevant hands-on experience.
- Solid knowledge of CAD, experience in SolidWorks or other design software.
- Experience working with FEA, Ansys experience is an asset.
- Experience working with mechanism and machine component design.
- Experience with design for assembly and design for manufacturing.
- Familiar with basic tool use, and have hands-on manufacturing/fabrication experience.
- Programming knowledge in python or C++.