



Software Intern

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 avionics team and will play an important role in the development and testing of software for SpaceRyde's launch vehicle and support 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

- Implementing Guidance, Navigation, & Control algorithms for launch vehicle.
- Code optimization.
- Supporting launch vehicle system development from preliminary concepts to detailed design, integration, test, and qualification.

Requirements

- Enrolled in Engineering, Science or Computer Science with 1+ year of relevant hands-on experience.
- Expert in C++, Python and Shell.
- Hands-on experience with embedded systems.
- Background in numerical methods and mathematical modeling of dynamic systems.
- Previous exposure to satellite, rocket, or aircraft avionics/computer systems is a bonus.
- Working knowledge of ROS is a bonus.