



## Avionics 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 integration and testing of avionics subsystems for SpaceRyde's launch vehicle. 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](mailto:jobs@spaceryde.com)

### Key Responsibilities

Support the design of a state-of-the-art architecture for a space launch system:

- Provide assistance in designing, manufacturing and integrating prototype and flight-ready avionics subsystems.
- Assist in wire-harnessing, soldering and other tasks necessary for avionics integration.
- Develop innovative test beds to rapidly test avionics subsystems.
- Write simple python scripts to validate components.

### Requirements

- Enrolled in an Aerospace / Electrical / Mechatronics Engineering program at a top university.
- Experience in using embedded systems like Arduino, Raspberry pi, etc.
- Experience in soldering and wire harnessing.
- Familiarity with using multimeters, oscilloscopes and other electronic testing tools.
- Proficient in Python and/or C++.
- Bonus points if you have been part of a student design team developing electronic subsystems.
- Bonus points: working knowledge of ROS and Altium.