



IMMEDIATE FULL TIME OPEN POSITION

Junior Structural Engineer

Toronto, Canada

Us

At SpaceRyde, we use balloons to launch small satellites. Our work is literally rocket science and we are looking for creative people to join us. Watch video of our first flight, and Canada's first-ever space launch system for small satellites here: <https://ca.linkedin.com/company/spaceryde>

We love solving real problems in the simplest way, and want to work with people who Get. The Job. Done. We are backed by high-profile investors including YCombinator and work like fast-paced Silicon-Valley startups.

You

You are a rockstar Structural Engineer, who excels in a fast-paced environment, and do your best work when juggling multiple tasks. You are the type of person that makes it happen when everything that is supposed to work doesn't!

You are goal-oriented and prepared to take complete ownership of your project. If you are thinking of taking a day off before a deadline because it's your birthday, or anniversary, this is not the company for you.

Key Responsibilities

Develop (design, analyze, build, and test) launch vehicle structural components.

Support launch vehicle system development 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 propulsion systems.

Requirements

University Degree in Aerospace / Mechanical Engineering with 1+ year of relevant hands-on experience.

Knowledge of composite mechanics, in particular classical lamination theory.

Working knowledge of finite element analysis in the context of structural applications.

Experience with ANSYS or other finite element software.

Solid knowledge of CAD, experience in SolidWorks is a plus.

Programming knowledge in python or C++.

You are prepared to be intellectually challenged, and work on tasks that are not directly in your area of expertise

You are a team player, you ask for help when you are stuck and you are always ready to help out

Join us if you like to

Work on rockets and make history in Canada

Learn a lot at a very fast pace

Become a shareholder of SpaceRyde

Enjoy free breakfast, snacks, coffee, tea and employee appreciation events

Grow and advance in your career

Contact us

Please email your resume to jobs@spaceryde.com. This is an immediate-hire position, and resumes are reviewed as soon as received.