Software Intern

SpaceRyde

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 the video of our first flight, and Canada's first-ever space launch system for small satellites here: https://ca.linkedin.com/company/spaceryde

Please email your resume and Git repo/website 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:

Degree 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

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