



WYVERN

Job description:

Mechanical Design Engineer

Responsibilities

The responsibilities *most* applicable to this role include:

- working with the optics team to design optomechanical devices (optical component mounts, etc.) and other high-precision mechanisms,
- assembly, calibration, and testing of mechanisms in a laboratory,
- dynamic analysis, thermal analysis, motion simulation, and finite element analysis,
- working with vendors to manufacture components.

Skills & Credentials

- Experience with CubeSats is an asset.
- Experience in any of the following is an asset:
 - mechanism design,
 - kinematic and dynamic analysis,
 - CAD modelling,
 - finite element analysis, and
 - thermal analysis.
- Bonus points for experience designing mechanisms that contain hinges, flexures, or other joints.
- The ideal candidate has a Bachelor's and/or Master's degree in Mechanical Engineering.

Attributes

We're looking for someone who:

- takes initiative and is results-driven,
- is effective in a team environment and will contribute positively to team culture, and
- is passionate about space!

Benefits

- Flexible working hours and the ability to work from home (unless in-lab work is required)
- Unlimited vacation time
- Health benefits package
- A chance to be integral to a fast-moving startup company
- Your work will go to space

Last update: 2021-01-08

This is not an official job offer. Terms in this document are subject to change.



Hours & Compensation

- Positions available starting in January 2021.
- This is a full-time, permanent position. Work hours are flexible.
- Compensation is negotiable depending on the applicant's experience and credentials.

The position requires a minimum 1-2 days per week of in-person work in Edmonton, Alberta for the duration of the current COVID-19 restrictions from the Government of Alberta.