**Mechanical Engineer**

NSLComm ([www.nslcomm.com](http://www.nslcomm.com/)), a promising startup company in the space industry, that develops a unique nano-satellite, is looking for an experienced **Mechanical Engineer** to join our mechanical department. The company is located in Airport City, Israel.

Position Responsibilities:

* Perform engineering design of parts and assemblies in Solidworks by implementing design solutions.
* Develop new design ideas with an understanding of the space environmental constraints and limitations
* Integrate NSLComm’s payloads with other payloads while being a focal point through all design/technical issues
* Integrate static and dynamic systems as well as operating and testing the machines
* Handle simulations of structural and thermal FEA
* Create detailed drawings for manufacture that meet engineering and documentation standards
* Work closely with external suppliers and manufacturers through all manufacture process
* Manage space environmental tests which includes: test plan, documentation, setup preparations, test execution and analyze results
* Present design concepts and release status at program milestone reviews

Requirements:

* Bachelor's degree in Mechanical Engineering (must). M.Sc. (advantage)
* 3+ years of mechanical engineering experience designing structural components (must)
* Strong mechanical design skills using 3D modelling tools - Solidworks preferred (must)
* Strong experience with diverse production methods such as CNC, 3D printing, laser cutting and more (must)
* Excellent oral and written communication skills in English (must)
* Knowledge and experience in the space industry - strong advantage
* Experience with multidisciplinary dynamic systems (actuators, sensors, wirings) - advantage
* Experience with Arduino, Raspberry Pi or other microcontroller programming – advantage
* Experience with Python and MATLAB - advantage
* Experience with structural and thermal FEA - advantage
* We are looking for a hands-on motivated candidate with the ability to work hard in a dynamic environment of a startup. Ability to manage multiple tasks and drive them to completion while paying attention to details and to have a problem-solving approach.

If you are Enthusiastic, independent, fast learner, motivated with excellent communication skills and desire to be a part of the new space industry, Join us!

To apply for this position, please send your resume to: **Inbar@nslcomm.com**.