

Sharbat House, 9th Floor  
4 Kaufmann St., IL-68012 Tel-Aviv  
P.O.B. 50150, IL-61501 Tel-Aviv  
Tel.: +972-3-6806800  
Fax: +972-3-6133528  
E-Mail: info@ahkisrael.co.il

<http://israel.ahk.de>

עמותת רשומה  
בית שרבת, קומה 9  
רח' קויפמן 4, תל-אביב 68012  
ת.ד. 50150, תל-אביב 61501  
טלפון: 03-6806800  
פקס: 03-6133528



## Placement Opportunity

Undergraduate (BA) student: ☒

Graduate (MA) student: ☒

Reference:	NexTenna – Mechanical Design Engineer
Company Name:	SderoTech Inc (NexTenna)
Company Type: (Startup/Mature/...)	Startup at Initial Sales
Location: (full address)	Sderot Hen 3, Qiryat Bialik Israel 2750902
Duration of stay: (min 2, max 6 months)	6

**Company Description:** nexTenna is the brand name of Sderotech Technologies Ltd products the company is aiming to deliver the first user terminal (UT) antenna that is small in size, low power consumption, can live on a solar panel, user friendly device, easy to install, light in weight and most of all end user price affordable . [www.nextenna.com](http://www.nextenna.com)

End of day nexTenna's UT is able to provide the big LEO constellation such as ONEWEB, STARLINK AND KUIPER by Amazon the major internet from space service providers, the ability to connect the other 3.6 billion people underserved that cannot have access to broad band quality connection to the net , and thus rendering connectivity from space a commodity affordable to all , bridging the digital divide, after more than 5 years of research and development with 15 granted patents nexTenna is on its way to mass production stage .

**Job Description and Tasks** Mechanical Design Engineer with either Bsc.ME Or MscME to develop the mechanical enclosures of our Terminals and antenna systems, Including Thermal and stress analysis of complicated structures. The Mechanical engineer would be the point of contact on designing the mechanical system of a full Satellite communication Terminals, including design of antenna sub-systems, Radom [interaction of radiation and Materials selection], Assembly design Including over 200 parts all designed for mass production. The Mechanical R&D engineer would also work on designing Tools and fixtures used in our core production process, Including pneumatic parts and systems for the assembly and lamination of our Core Technology.

**Essential Requirements:** Experienced user of Solid-works, Knowledge of building systems controlled by electronic controllers, use of motors, vacuum systems and more.

### Remuneration Details:

Due to visa regulations a salary is not allowed.

we offer transportation and lunch and help to find accommodation.