

Research Engineer/Fellow in RF Device Modeling-18 month contract

You will be required to design and optimize high performance device structures compatible with CMOS technology including novel and emerging devices. The project involves simulation and modeling of the performances of these devices including the performance at high frequencies. Familiarity with the Technology CAD tools such as MEDICI/SUPREM/TAURUS or similar tools from other companies is a plus. A good understanding of the physics of semiconductor devices and familiarity with RF/microwave basics is desirable.

You may also be involved in the characterization of the devices including high frequency characterization depending on the requirements of the project and compact modeling of devices.

Requirements:

- Masters/PhD in physics/electrical engg/electronic engg or related fields.
- Fresh Masters/PhD in a relevant Science or Engineering field are also welcome to apply.

Send your application to eleshanr@nus.edu.sg