**Design Engineer – Sensor CAD & Simulation**

**Reference Number: 13077**

IDEX is recruiting Product Development and System Engineering roles in the UK to further expand our team designing cutting-edge products based on IDEX fingerprint sensing technology. We are looking for highly talented Design Engineers to drive the electromagnetic design and simulation of capacitive fingerprint sensors.

Tasks and responsibilities:

* Model, analyse and optimise sensors using state of the art electromagnetic field solvers
* Develop and optimise the sensor design flow, CAD framework and compute resource covering physical design, EM simulation, and back annotation processes
* Work closely with system and sensor design engineers to optimise designs for cost, manufacturability and performance

Experience:

* Electromagnetic simulation and parasitic extraction using ANSYS Q3D and/or HFSS
* ANSYS CAD environment administration and tool flow productivity/optimisation

Education:

* Degree in Engineering, Electronics or related subjects (upper second class or equivalent)
* Alternative qualifications may be considered based on experience

Personal capabilities:

* Passionate for electronics and best-in-class product development
* Manages time and priorities to support multiple projects and deliver on-time
* Work effectively both independently and as part of a team
* Flexible to work on new projects and in new areas of the business as required
* Enjoys responsibility for a diverse portfolio of projects and assignments

Salary: Negotiable  
Work place: Farnborough Area, Hampshire, UK  
Travel activity: International travel required  
Web site: [www.idex.no](http://www.idex.no)  
Contact: [careers[at]idex.no](mailto:careers@idex.no)  
Application deadline: ASAP

The above role does not support any applicants who require a visa to work in the UK.

***Please quote the above reference number in any communication or application related to this role.***