

## **Magnetics Design Engineer**

Bumblebee Power is an early-stage, VC-backed company which is commercialising innovative inductive wireless charging technology. This patent protected technology has significantly superior performance characteristics compared with conventional technology. The company has achieved strong commercial interest as shown by the strong pipeline of customer development projects it is in the process of delivering.

Bumblebee Power has a vacancy for an electrical engineer with a strong background in magnetics design. The role will involve the design of high quality-factor coils for magnetic links in mid-to-high power MHz wireless charging applications.

You will have a strong background in finite element modelling of magnetics using software such as CST, Ansys, Comsol or equivalent, and should have a good understanding of magnetic field shaping and shielding using ferrite materials. You should also have experience with PCB design, coil build, test and experimental characterisation of magnetics. A background in wireless power transfer, EMC testing and general knowledge of power electronics is desirable but not essential. You should either have a PhD in a related discipline or have worked for at least 3 years in industry after a university degree in electrical and electronic engineering.

You will be joining a team of engineering and commercial professionals who are creating products that will provide universal and automatic power charging for a wide-range of applications in global markets.

London location.

Competitive salary with stock options where appropriate.

Please send your CV to [recruitment@bumblebeepower.com](mailto:recruitment@bumblebeepower.com) and tell us why you perceive you are the right person for this job.